

<b>CÓD.</b>	<b>DESCRIÇÃO DA FALHA (CONT.)</b>
P0A16	Circuito de Controle da Montagem de Motor Alta
P0A17	Circuito do Sensor de Torque do Motor
P0A18	Faixa do Circuito do Sensor de Torque do Motor / Desempenho
P0A19	Circuito do Sensor de Torque do Motor Baixo
P0A20	Circuito do Sensor de Torque do Motor Alto
P0A21	Circuito do Sensor de Torque do Motor Intermitente
P0A22	Circuito do Sensor do Gerador de Torque
P0A23	Faixa do Circuito do Sensor do Gerador de Torque/ Desempenho
P0A24	Circuito do Sensor do Gerador de Torque Baixo
P0A25	Circuito do Sensor do Gerador de Torque Alto
P0A26	Circuito do Sensor do Gerador de Torque Intermitente
P0A27	Circuito Power Off da Bateria
P0A28	Circuito Power Off da Bateria Baixo
P0A29	Circuito Power Off da Bateria Alto

**1.02 - TABELA DE FALHAS GENÉRICAS**

<b>CÓD.</b>	<b>DESCRIÇÃO DA FALHA</b>
1	Brake control unit
2	Gearbox control unit
3	Verifique Literatura
4	NG Control Module
16	Right Rear Footwell/Defrost Flap Motor -V195
17	Left Rear Footwell/Defrost Flap Motor -V196
18	Front Cold Air Flap Motor -V197
19	Front Cold Air Flap Motor -V198
20	Right Front Defrost/Upper Body Shut-Off Flap Motor -V199
21	Left Front Defrost/Upper Body Shut-Off Flap Motor -V200
22	Right Rear Center Console warm Air Flap Motor -V201
23	Left Rear Center Console Warm Air Flap Moter -V202
24	Right Rear Center Console Cold Air Flap Motor -V203
25	Left Rear Center Console Cold Air Flap Motor -V204
26	Right Defrost/Upper Body Flap Motor -V205
27	Left Defrost/Upper Body Flap Motor V206
28	Left Air Outlet Blind Motor -V207
29	Center Air Outlet Blind Motor -V208
30	Right Air Outlet Blind Motor -V209
31	Left Rear Defrost Button -E299
32	Right Rear Defrost Button -300
33	Left Front Air Outlet Button -E301
34	Left Front(Center) Air Outlet Button -E302
35	Right Front(Center) Air Outlet Button -E303
36	Right Front Air Outlet Button -E304

CÓD.	DESCRIÇÃO DA FALHA (CONT.)
37	Footwell/Cabin Temperature Differential Button -E305
38	Left Rear Center Console Air Outlet Button -E306
39	Right Rear Center Console Air Outlet Button -E307
40	Child Safety Button -E318
41	Indirect Ventilation Flap Moter -V213
42	Left Parking Light Lamp -M43
43	Right Parking Light Lamp -M44
44	Performing Output Diagnostic Test Mode(DTM) group 1
45	Performing Output Diagnostic Test Mode(DTM) group 2
46	Left Head Lamp Washer Jet Motor -V248
47	Right Head Lamp Washer Jet Motor -V249
48	Left Center Core Temperature Sensor -G306
49	Right Center Core Temperature Sensor -G307
50	Evaporator Temperature Sensor -G308
51	Left Rear Footwell Temperature Sensor -G309
52	Right Rear Footwell Temperature Sensor -G310
53	Left Rear Center Console Temperature Sensor -G311
54	Right Rear Center Console Temperature Sensor -G312
55	Left Read Child Safety Motor -V412
56	Interior Temperature Sensor Blower -V210
57	Right B-Pillar/Footwell Shut-Off Flap Motor -V211
58	Wiper Part Position Heating Relay -J582
59	Terminal 30 for Interior Lighting
60	Fog Light Lamps
61	Footwell Lights
62	Suspension Function Request
63	Back-Up Light Switch -F4
64	Left B-Pillar/Footwell Shut-Off Flap Motor -V212
65	Left Rear Footwell Heater -Z42
66	Right Rear Footwell Heater -Z43
67	Consumer 1
68	Consumer 2
69	Right Rear Child Safety Motor -V143
70	Voltage, Starter Battery
71	Fog Lamp Button -E315
72	Rear Fog Lamp Button -E314
73	Glove Compartment Button -E316
74	Power Outlet Fuse 1 -S184
75	Power Outlet Fuse 2 -S185
76	Power Outlet Fuse 2 -S281
77	Windshield Wiper Stop Switch -F229
78	Battery Cut Out Relay -J7
79	Interior Illumination Switch -E317
80	Sliding Roof Function Request

COD.	DESCRIÇÃO DA FALHA (CONT.)
81	Insufficient Voltage Shut-Off Seat Heating
82	Terminal 61 for Generator
83	Fuel Pump(FP) Supply
84	Electrical System Battery Switch-over Relay -J549
85	Starter Battery Switch-over Relay -J580
86	Parallel Battery Connection Relay -J581
87	Terminal 30 for Starting Relevant Consumers
88	Charge Monitoring for Starter Battery
89	Wire Monitoring for Starter Battery
90	Voltage Supply Terminal 30 Starter Battery
91	Signal for Ignition Key in Ignition
92	Starter Battery Temperature Sensor -G331
93	Terminal 15 for Starting Relevant Consumers
94	Left Rear Central Locking(Lock) Motor -V214
95	Right Rear Central Locking(Lock) Motor -V215
96	Drivers Door Central Locking(Safe) Motor -V161
97	Front Passengers Central Locking(Safe) Motor -V162
98	Left Rear Central Locking(Safe) Motor -V163
99	Right Rear Central Locking(Safe) Motor -V164
100	Drivers Interior Locking Button -E308
101	Front Passengers Interior Locking Button -E309
102	Left Rear Interior Locking Button -E310
103	Right Rear Interior Locking Button -E311
104	Fuel Tank Lid Unclocked Button -E319
105	Signal Central Locking SAVE/LOCK Drivers Side
106	Signal Central Locking SAVE/LOCK Passengers Side
107	Signal Central Locking SAVE/LOCK Left Rear Side
108	Signal Central Locking SAVE/LOCK Right Rear Side
109	Left Mirror Turn Signal Lamp -L131
110	Right Mirror Turn Signal Lamp -L132
111	Drivers Interior Locking Indicator Lamp -K174
112	Front Passengers Interior Locking Indicator Lamp -K175
113	Left Rear Interior Locking Indicator Lamp -K176
114	Right Rear Interior Locking Indicator Lamp -K177
115	Front Passengers Telephone Connection Button -E320
116	Left Rear Telephone Connection Button -E321
117	Right Rear Telephone Connection Button -E322
118	Drivers Defroster Button -E323
119	Front Passengers Defroster Button -E324
120	Outside Warning Light/Door Exit Light Drivers Side
121	Outside Warning Light/Door Exit Light Passengers Side
122	Outside Warning Light/Door Exit Light LR
123	Outside Warning Light/Door Exit Light RR
124	Communication Wire Door Control Module-Closing Aid Drivers Side

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COD.	DESCRIÇÃO DA FALHA (CONT.)
125	Communication Wire Door Control Module-Closing Aid Passengers Side
126	Communication Wire Door Control Module-Closing Aid LR
127	Communication Wire Door Control Module-Closing Aid RR
128	Front Passengers Telephone Connection Indicator Lamp -K178
129	Left Rear Inside Door Handle Illumination -L133
130	Right Rear Inside Door Handle Illumination -L134
131	Outside Door Handle Illumination/Mirror Light Drivers Side
132	Outside Door Handle Illumination/Mirror Light Passengers Side
133	Outside Door Handle Illumination/Mirror Light Rear Left
134	Outside Door Handle Illumination/Mirror Light Rear Right
135	Left Front Wheel Acceleration Sensor -G337
136	Right Front Wheel Acceleration Sensor -G338
137	Left Rear Wheel Acceleration Sensor -G339
138	Right Rear Wheel Acceleration Sensor -G340
139	Left Front Body Acceleration Sensor -G341
140	Right Front Body Acceleration Sensor -G342
141	Rear Body Acceleration Sensor -G342
142	Left Front Dampening Adjustment Valve -N336
143	Right Front Dampening Adjustment Valve -N337
144	Left Rear Dampening Adjustment Valve -N338
145	Right Rear Dampening Adjustment Valve -N339
146	Voltage Supply for Acceleration Sensor Front Right/Rear Left
147	Voltage Supply for Acceleration Sensor Front Left/Rear Right
148	Starter Battery Charger Transformer -A15
149	No Band End Programming Occurs
150	Plausibility Brake Booster System
151	Plausibility AdR-System
152	Right Windshield Wiper Motor Control Module -J584
153	Left Windshield Wiper Motor -V216
154	Right Windshield Wiper Motor -V217
155	Driver-Passenger Side Control Module Communication
156	Activation for Windshield Washer Pump
157	Terminal X
158	Function Request Dimming Stage Increase
159	Function Request Dimming Stage Decrease
160	Adaptation Brake Booster
161	System Test Brake Booster
162	Brake Booster Control Module Adaption has Not Occurred
163	Brake Booster Control Module Learns Work Points
164	Battery Monitoring Control Module -J367
165	Switch for Transmission Position P/N
166	Access/Start Autorization Switch
167	Key 5
168	Key 6

COD.	DESCRIÇÃO DA FALHA (CONT.)
169	Key 7
170	Key 8
171	Key 1 Not Learned
172	Key 2 Not Learned
173	Key 3 Not Learned
174	Key 4 Not Learned
175	Key 5 Not Learned
176	Key 6 Not Learned
177	Key 7 Not Learned
178	Key 8 Not Learned
179	Left Access/Start Authorization Antenna -R134
180	Right Access/Start Authorization Antenna -R135
181	Access/Start Authorization Antenna(in Rear Bumper) -R136
182	Luggage Compartment Access/Start Authorization Antenna -R137
183	Interior Access/Start Aunthorization Antenna -R138
184	Activation for Engine Start/stop Switch
185	Relay for Voltage Supply Terminal 15 Adaptation
186	Relay for Voltage Supply Terminal 15SV Adaptation
187	Relay for Voltage Supply Terminal 75X Adaptation
188	Relay for Voltage Supply Terminal 50 Adaptation 1
189	Relay for Voltage Supply Terminal 50 Adaptation 2
190	Driver's Door Handle Touch Sensor -G415
191	Passengers's Door Handle Touch Sensor -G416
192	Left Rear Door Handle Touch Sensor -G417
193	Right Rear Door Handle Touch Sensor -G418
194	Ignition Key Removal Lock
195	Voltage Supply for Interior Mirror Potentiometer
196	Inside Mirror Horizontal Position Sensor -G353
197	Interior Mirror Vertical Position Sensor -G354
198	Automatic Day/Night Interior Mirror -Y7
199	Front Interior Lamp Button -E326
200	Rear Interior Lamp Button -E327
201	Front Reading Lamp Button -E328
202	Rear Reading Lamp Button -E329
203	Sunroof Switch -E8
204	Sunroof Button -E325
205	Garage Door Opener Indicator Lamp -K179
206	Interior Mirror Motor Activation
207	Humidity Sensor Heater -N340
208	Terminal 30 for Glove Compartment
209	Terminal 30 for Make-up Mirror
210	Activation for Interior Illumination Front
211	Rear Illumination Lights Activation
212	Activation for Lights Front Left

<b>CÓD.</b>	<b>DESCRIÇÃO DA FALHA (CONT.)</b>
213	Activation for Reading Lights Front Right
214	Activation for Reading Lights Rear Left
215	Activation for Reading Lights Rear Right
216	Signal EC-Mirror Fadeout
217	Voltage for Supply for Humidity
218	Humidity Sensor -G355
219	Transfer level Active
220	Connection to Sunroof
221	Connection to Interior Monitoring
222	Connection to Rain Sensor
223	Vehicle Inclination Sensor Indication Lamp -K188
224	Release for Rear Lid Lock Tensioning
225	Unlock Rear Lid Lock ejector
226	Indication Lamp for Dampening Adjustment
227	Dampening Adjustment Button -E387
228	Button for Level Control System -E388
229	Refrigerant Pressure
230	Transmission Park Selector Switch -F305
231	Incorrect Engine Record
232	Incorrect Transmission Record
233	Sensor for Automatic Distance Control Coverage are blocked
234	Sensor for Automatic Distance Misadjusted
235	Adaptive Cruise Control Button -E357
236	Interior Start/Access Authorization Antenna 2 -R139
237	ABS solenoid valve front left-N59
238	ABS solenoid valve front right-N58
239	ABS solenoid valve rear left-N57
240	ABS solenoid valve rear right-N56
241	Trac.contr.press.regulating valve-N238
242	Engine throttle back valve-N237
243	Engine brake
244	Supply voltage for ABS valves fr+rl
245	Supply voltage for ABS valves fl+rr
246	Earth for ABS valves fr+rl
247	Earth for ABS valves fl+rr
248	Gearbox switch-E206
249	Function Return Message Recirculating Air Regulator
250	Switch for off-road operation-E207
251	Fuel Suppy Sensor 4 -G393
252	Taillight Assembly - Left Rear
253	Taillight Assembly - Right Rear
254	Traction control setting missing
255	Valves for ABS
256	A/C Pressure/temperature Sention -G395

COD.	DESCRIÇÃO DA FALHA (CONT.)
257	ABS inlet valve,front left -N101
258	Válvula Magnética 1 - N88
259	ABS inlet valve,front right-N99
260	Válvula magnética 2 - N89
261	ABS inlet valve,rear -N103
262	Válvula magnética 3 - N90
263	Gearbox
264	Válvula magnética 4 - N91
265	ABS outlet valve,front left-N102
266	Válvula magnética 5 - N92
267	ABS outlet valve,front right-N100
268	Válvula magnética 6 - N93
269	ABS outlet valve ,rear-N104
270	Válvula magnética 7 - N94
271	see Repair group 01
272	Function Deactivation Due to Electro Magnetic Interfernece
273	ABS inlet valve,rear right-N133
274	ABS inlet valve,rear left-N134
275	ABS outlet valve,rear right-N135
276	ABS outlet valve,rear left-N136
277	ABS inlet/outlet valve,front left-N137
278	Main ABS valve-N105
279	Valve 1 for differential lock-N125
280	Valve 2 for differential lock-N127
281	Falha Sensor de Velocidade - G68
282	Atuador da Válvula de Borboleta - V60
283	Sensor de rotação dianteiro esquerdo - G47
284	ABS inlet/outlet valve,front right-N138
285	Sensor de rotação dianteiro direito - G45
286	ABS inlet/outlet valve,rear left-N139
287	Sensor de rotação traseiro esquerdo - G44
288	Steering Column Lock Activator -N360
289	ABS inlet/outlet valve,rear right-N140
290	Sensor de rotação traseiro direito - G46
291	pressure switch-F116 /Warn,contact-F117
292	hydraulic energy supply pressure level
293	Comutador Multifuncional - F125
294	pressure switch 1 for searbox condition
295	pressure switch 2 for searbox condition
296	Interruptor Kickdown
297	Transmissor da Rotação para Caixa de Velocidades - G38
298	Switch for differential lock-E121
299	programme switch-E122
300	Transmissor para Temperatura do Óleo da Caixa de Velocidades - G93

<b>COD.</b>	<b>DESCRIÇÃO DA FALHA (CONT.)</b>
301	ABS return flow pump-V39
302	solenoid valve relay -ABS-J106
303	Function selection Switch-E91
304	Activation Regulator for Fresh Air Blower
305	Falha Sinal Consumo Combustivel
306	secondary air system cyl.bank1
307	secondary air system cyl.bank2
308	Supply for Motors for Sunroof/Sunroof Shade
309	cleaning fluid dispensing pump-V135
310	cat.temp.sensor 1-G20
311	Tire Filling Connection
312	cat.temp.sensor 2-G132
313	catalyst
314	Ex gas recirc.two-way valve-N161
315	Connection to Sunroof Shade
316	Bulbs for Rear Illumination
317	Rear Lid Control Module -J605
318	Voltage Supply for Rear Lid Control Module
319	Rear Lid Hydraulic Motor -V241
320	Rear Lid Hydraulic Valve -N346
321	Rear Lid Hydraulic Sensor -G383
322	Interior Monitoring Deactivation Switch -E267
323	Vehicle Inclination Sensor -G384
324	Deactivate Vehicle Inclination Sensor Button -E360
325	Rear Window Opening Button -E361
326	Anti-Theft Alarm System Emergency Shut-Off Switch -E362
327	Signal Silding Sunroof Opening
328	Activation for Unlocking Rear Windshield
329	Activation for Unlocking Rear Lid
330	Signal Rear Wiper Interval
331	Signal Rear Wiper-Washer
332	Activation for Fuel Tank Door
333	Activation for Closing Aid Relay
334	Activation Heated Rear Windshield Stage 2
335	Activation Tail Lights
336	Activation Illumination Rear
337	Activation Illumination Diver Door
338	Passenger Door Illumination Activation
339	Activation Illumination Door Rear Left
340	Activation Illumination Door Rear Right
341	Activation Rear Lid Open
342	Activation Rear Lid Closed
343	Activation Rear Lid Lock Swinging Out
344	Activation Rear Lid Lock Swinging In

CÓD.	DESCRIÇÃO DA FALHA (CONT.)
345	Activation Rear Lid Lock Unlocking
346	Activation Rear Lid Lock Locking
347	Solenoid 8-N281
348	Solenoid 9-N282
349	Solenoid 10-N283
350	Earth return wire,modulating piston
351	Intermediate shaft speed sender-G265
352	Terminal 30A
353	Function Return Message from Fresh Air Blower Regulator
354	Windshield Heating Voltage Converter -A18
355	Left Front Upper Body Outlet Motor -V237
356	Right Front Upper Body Outlet Motor -V238
357	Activation Regulator for Recirculating Air Blower
358	Activation for Coolant Shut-Off Valve
359	Left Front Upper Body Outlet Temperature Sensor -G385
360	Right Front Upper Body Outlet Temperature Sensor -G386
361	Heater Element for Auxiliary Heater -Z35
362	Left Rear Air Flap Motor -V239
363	Right Rear Air Flap Motor -V240
364	Terminal 15 Slave
365	Communication Wire for Interior Monitoring Input
366	Communication Wire for Interior Monitoring output
367	Left Front Shock Absorber Soft
368	Left Front Shock Absorber Hard
369	Right Front Shock Absorber Soft
370	Right Front Shock Absorber Hard
371	Left Rear Shock Absorber Soft
372	Left Rear Shock Absorber Hard
373	Right Rear Shock Absorber Soft
374	Right Rear Shock Absorber Hard
375	Activation for Opening Left Hinged Window
376	Activation for Closing Left Hinged Window
377	Activation for Opening Right Hinged Window
378	Activation for Closing Right Hinged Window
379	Terminal 58s
380	Special Vehicle Control Module -J608
381	Databus Instrument Cluster
382	Left Rear Head Airbag Igniter -N343
383	Right Rear Head Airbag Igniter -N344
384	Optical Databus
385	Positive Output Audio Channel for Speech/Telephone
386	Negative Output Audio Channel for Speech/Telephone
387	Positive Output Audio Channel for Navigation Announcements
388	Negative Output Audio Channel for Navigation Announcements

CÓD.	DESCRIÇÃO DA FALHA (CONT.)
389	Headphone Output 1,Left Channel
390	Headphone Output 1,Right Channel
391	Headphone Output 2,Left Channel
392	Headphone Output 2,Right Channel
393	Display Test,Black Segments
394	Display Test,White Segments
395	Display Test,Red Segments
396	Display Test,Green Segments
397	Display Test,Blue Segments
398	Locating Illumination
399	Illumination Function Return Message
400	Signal Acoustic Return Message
401	Acoustic Signal Sensor
402	Auxiliary Heater Heating Element
403	Sunroof Motor -V1
404	Motor for Sliding Sunroof,Rear -V146
405	Sunroof Shade Motor -V260
406	Sunroof Motor Position Sensor -G402
407	Rear Sunroof Motor Position Sensor -G403
408	Sunroof blind Motor Position Sensor -G404
409	Sunroof Button,Signal from Emergency Button Is Constantly Present
410	Pre-Selection Signal for Opening Sunroof
411	Signal for Shade Button is Constantly present
412	Comfort CAN L-wire
413	Comfort CAN H-wire
414	CAN L-wire
415	CAN H-wire
416	Sunroof Motor Thermal Protection
417	Left Front DSP Mid-Bass Speaker -R101
418	Right Front DSP Mid-Bass Speaker -R102
419	Left Front DSP Mid-Range Speaker -R103
420	Right Front DSP Mid-Range Speaker -R104
421	left Rear DSP Mid-Range Speaker -R105
422	Right Rear DSP Mid-Range Speaker -R106
423	Thermal Protection of Motor for Sunroof Shade
424	Cycle Activation for Parking Aid Sensors
425	Function Test display for Parking Aid
426	ESP Control Lamp -K155
427	Wiring Test of Parking Aid Sensors
428	Function Test of Sensors for Parking Aid
429	Left Front Parking Aid display -Y13
430	Right Front Parking Aid display -Y14
431	Rear Parking Aid display -Y15
432	Voltage Supply for display and Parking Aid Buzzer

COD.	DESCRIÇÃO DA FALHA (CONT.)
433	Parking Aid Button -E266
434	Left Front Inner Parking Aid Sensor -G332
435	Right Front Inner Parking Aid Sensor -G333
436	Left Rear Inner Parking Aid Sensor -G334
437	Right Rear Inner Parking Aid Sensor -G335
438	Fuel Supply Sensor 2 -G169
439	Fuel Supply Sensor 3 -G237
440	Auxiliary Tank Fuel Level Sensor -G292
441	Auxiliary Tank Fuel Level Empty Sensor -G293
442	Terminal 87F Fuel Pump(FP)
443	Auxiliary Tank Fuel Pump(FP) Fuse -S266
444	Activation Fuel Pump Additional Fuel Tank
445	Refriger Loss
446	Function Limitation Due to Insufficient Voltage
447	Function Limitation Due to Excessive Voltage
448	Pre-press. pump, Haldex coupling-V181
449	Pre-pressurising pump on
450	Pre-pressurising pump off
451	Four-wheel coupling disengaged
452	Four-wheel coupling engaged
453	Functional restriction due to high temp.
454	Four-wheel monitoring
455	Access/start Control Module -J518 at Comfort CAN
456	Access/start Control Module -J518
457	Vehicle Electrical Control Module -J519
458	Battery Monitoring Control Module -J357
459	Front Information display Control Head -J523
460	Rear Information display Control Head -J524
461	Passenger Memory Seat Control Module -J521
462	Rear Memory Seat Control Module -J522
463	Digital Sound System Control Module -J525
464	Radio navigation display Control Module -J503
465	Telephone telematic Control Module -J526
466	Steering Column Electronic Systems Control Module -J527
467	TV tuner -R78
468	CD-ROM Driver -R92
469	Databus Infotainment in Single Wire
470	Combination Comfort database in Single Wire
471	Electronic dampening Control Module -J250
472	Brake booster Control Module -J539
473	Electronic Parking Brake Control Module -J540
474	Control Module for Immobilizer
475	Sliding Door Control Module -J558
476	Fuel Pump(FP) Control Module -J538

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COD.	DESCRIÇÃO DA FALHA (CONT.)
477	Front Information display Control Head -J523 at Comfort CAN
478	Rear Information display Control Head -J524 at Comfort CAN
479	Central Locking System Control Module(remote Control) -J276
480	#NOME?
481	Traffic Monitoring Control Module -J559
482	Rear TV/Video display Unit -R97
483	Control Module for auxiliary air Heater
484	Vehicle Position Recognition Control Module -J603
485	Drivers Outside Door Handle Central Locking Button -E369
486	Front Passengers Outside Door Handle Central Locking Button -E370
487	Left Rear Outside Door Handle Central Locking Button -E371
488	Right Rear Outside Door Handle Central Locking Button -E372
489	Left Rear Vent temperature Sensor -G405
490	Right Rear Vent temperature Sensor -G406
491	Checking Allocation of RPM Sensor at Control Module
492	Body kink angle from Level Control Module
493	Unid. Sensora ESP, Veic. a partir de 02.02/Sem Sinal/Comunic. ou Falha Unidade Sensora
ESP	
494	ESP Sensor Unit,Incorrect Component
495	Unidade Sensora ESP, Veiculos a partir de 02.02 / Fonte de Tensão
496	Sensor for Vehicle Leveling,Front
497	Sensor for Vehicle Leveling,Rear
498	Tachograph
499	Vehicle Voltage Display
500	Oil Temperature Display
501	Engine oil Level Indicator Light -K38
502	Anti-theft Engine disable Indicator Light -K115
503	Valve control pump/vent
504	No.1 cyl. pump/nozzle valve-N240
505	No.2 cyl. pump/nozzle valve-N241
506	No.3 cyl. pump/nozzle valve-N242
507	No.4 cyl. pump/nozzle valve-N243
508	No.5 cyl. pump/nozzle valve-N244
509	No.6 cyl. pump/nozzle valve-N245
510	Motor for Wind Deflector -V252
511	Selector Level -E313
512	Hall sender not on reference mark
513	Falha Sensor Rotação do Motor G28 - RPM de M.L acima do Limite
514	Ignition timing sender-G4
515	Falha Sensor Hall G40
516	Falha Inter. Marcha Lenta F60
517	Full throttle switch-F81
518	Falha Sens.Posic.Borbol
519	Falha Sensor Pressao Coletor

COD.	DESCRIÇÃO DA FALHA (CONT.)
520	Falha no medidor de massa de ar
521	CO potentiometer-G74
522	Falha Sensor Temp. liq. Refrig
523	Falha Sensor Temp. ar. aspir.
524	Falha Sensor Detonacao 1
525	Falha Sensor Sonda Lambda - Tensão acima do limite
526	Interruptor da Luz de Freio
527	Sensor de temperatura do ar
528	Falha Circuito Sensor de Altitude (barométrico)
529	Falha Sensor Hall G40
530	Falha Sensor Posicao M. Lenta
531	Air mass meter reference voltage
532	Falha Tensao Bateria Ultrapassado
533	Falha Ajuste Pos de Marcha Lenta
534	Falha Sensor Temp. Oleo 29
535	First knock regulation
536	2nd knock regulation
537	Falha Regulacao lambda
538	Falha Tensão de referencia
539	Fuel temperture sender-G81
540	Falha Sensor de Detonação 2 - G66
541	slide trarel potentiometer-G99
542	needle lift sender-G80
543	Falha Limite Rotacao do Motor
544	Pressão de sobrealimentação - Acima do Normal
545	Engine/gearbox electrical connection
546	Chicote IMO/UCE - curto ou sinal incoerente
547	pressure control switch for ABS-F137
548	voltage supply for fault memory
549	Falha no Sinal de Consumo
550	injection commencement regulation
551	catalyst excess temperature
552	Air flow meter potentiometer-G19
553	Falha no Sensor MAF - G70
554	Lambda regulation II
555	Lambda probe II-G108
556	Exhaust gas recirc .potentiometer-G2/2
557	Falha Circ. Interruptor Direção Hidraulica
558	Mixt. control lean adj.limit
559	Mixt. control rich adi.limit
560	Exhaust gas recirculation system
561	Falha no Ajustamento Mistura
562	Transmissor Nivel/Temperatura do Oleo - G266
563	Current consumption display-Y10

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COD.	DESCRIÇÃO DA FALHA (CONT.)
564	Oil temperature sender
565	Rear A/C Control Head(CLIMATRONIC) -E265
566	Steering Assistance Operation
567	Steering motor activated
568	Position sensors in steering motor
569	Steering motor current
570	Steering motor relay-J509
571	Steering coupling
572	Steering position sender-G268
573	Steering torque sender-G269
574	Drive motor on
575	Falha no Sensor MAP
576	Terminal 15
577	Utrapassado Limite de Detonação Cilindro 1
578	Utrapassado Limite de Detonação Cilindro 3
579	Utrapassado Limite de Detonação Cilindro 3
580	Utrapassado Limite de Detonação Cilindro 4
581	knock control cylinder 5
582	knock control cylinder 6
583	knock control cylinder 7
584	Falha RAM stand by
585	Temperature sensor-EGR-G98
586	EGR system control
587	Adjustment limit mixture regulation
588	Airbag igniter-driver side-N95
589	Igniter 1 for airbag-passenger side-N131
590	Igniter 2 for airbag-passenge side-N132
591	Belt.switch-driver side-E24
592	Belt.switch-passenge side-E25
593	seat contact switch-passenger seat-F151
594	Airbag ignition circuit
595	Crash data stored
596	short circuit between value wires
597	Differing wheel speed impulse
598	Hydraulic/mechanical defect
599	Plausibly pressure/brake light switch
600	Potentiometer in v68-G92
601	potentiometer in v70-G112
602	potentiometer in v85-G114
603	Defroster flap motor in footwell-v85
604	potentiometer in v71-G113
605	TWO-way valve fresh/recirc.air flap -N63
606	TWO-way valve coolant cut-off-valve-N147
607	Ambient temperature indicator -G106

COD.	DESCRIÇÃO DA FALHA (CONT.)
608	Load state sender-G119
609	Falha Circ.Modulo de Ignicao
610	Ignition output 2
611	Ignition output 3
612	Ignition output 4
613	Ignition output 5
614	Ignition output 6
615	Ignition output 7
616	Ignition output 8
617	Airbag delay sender left-G104
618	Airbag delay sender right-G105
619	Sender wire,left
620	Sender wire,right
621	Pressure reclucing valve-N155
622	Drain water from fuel filter
623	ABS/gearbox electrical connection
624	Air conditioner compressor cat-in
625	Falha Sensor de Velocidade VSS
626	Glow period warning lamp-k29
627	Wate level sender-G120
628	control element setting monitoring
629	Brake pedal switch-F47
630	Air conditioner switched on
631	Connection AC - Motronic
633	Igniter wiring/deceleration sender
634	EDL series resistance-N159
635	Lambda probe heating before cat
636	FR acceleration sender-G121
637	RL acceleration sender-G122
638	Engine/gearbox electrical connetion 2
639	Deceleration sender-G123
640	lambda probe heating relay-j278
641	ATF temperature
642	EDL change-over valve front right-N166
643	EDL outlet valve front right-N167
644	EDL change-over valve front left-N168
645	EDL outlet valve front left-N169
646	ABS-TCS/engine electrical connection 1
647	ABS-TCS/engine electrical connection 2
648	lambda prode heating after cat
649	ABS in/outlet valve rear-N160
650	Clutch pedal switch-F36
651	Wiring for ignition circult
652	Gear monitoring

<b>CÓD.</b>	<b>DESCRIÇÃO DA FALHA (CONT.)</b>
653	Plausibility selector lever/gearbox
654	Belt tensioner igniter (D.side)-N153
655	Belt tensioner igniter (P.side)-N154
656	Seat occupied sensor-G128
657	Positioning m.for center outlets-v102
658	Operating unit
659	Self test
660	Kickdown switch/throttle valve poti.
661	Temperature indicator
662	Rev.counter
663	Speedometer
664	Fuel gauge
665	Seat belt warning lamp-k19
666	Gong
667	Sinal de Temperatura Exterior
668	Tensão linha 30
669	Second fault lamp-k97
670	Sensor de Posição do Acelerador Eletrônico
671	Interruptor do Piloto Automático E45 - Posição indefinida
672	ABS hyd.pump with series resistance
673	Operate brakes
674	Release brakes
675	IFL:OV OFL:OV Wheel FL locked
676	IFL:VBAT OFL:OV Wheel FL Locked
677	IFL:VBAT OFL:VBAT Wheel FL free
678	IFL:VBAT OFL:OV Wheel FL free
679	Lambda probe II heating before cat
680	IFR:OV OFR:OV Wheel FR locked
681	IFR:VBAT OFR:OV Wheel FR locked
682	IFR:VBAT OFR:VBAT Wheel FR free
683	IFR:VBAT OFR:OV Wheel FR free
684	Lambda probe II heating after cat
685	IRL :OV ORL:OV Wheel RL locked
686	IRL :VBAT ORL:OV Wheel RL locked
687	IRL :VBAT ORL:VBAT Wheel RL free
688	IRL :VBAT ORL:OV Wheel RL free
689	Unmetered air in intake air system
690	IRL :OV ORR:OV Wheel RR locked
691	IRL :VBAT ORR:OV Wheel RR locked
692	IRL :VBAT ORR:OV Wheel RR free
693	IRL :VBAT ORR:OV Wheel RR free
694	Lighting/switch and instruments
695	EDL valve/hyd-p.VBAT Wheel FL/FR locked
696	valve for pressure reducer left-N170

COD.	DESCRIÇÃO DA FALHA (CONT.)
697	Valve for pressure reducer right-N171
698	Increased current draw control unit
699	Lambda probe after cat-G130
700	Lambda probe II after cat-G131
701	Coolant excess temperature test
702	Fuel composition sender-G133
703	Idling recognition TV.poti/IDL Switch
704	EDL Valves/hyd-p.VBAT wheel locked
705	First Speed Engine Coolant(EC) Fan Control(FC) Relay -J279
706	Second Speed Engine Coolant(EC) Fan Control(FC) Relay -J513
707	Center Vent Valve -N236
708	DANGER fan will be switched on
709	Photo-sensor will for sun penetration -G134
710	Defrost flap control motor-V107
711	Left footwell flap control motor-V108
712	Right footwell flap control motor-V109
713	centre left vent control motor-V110
714	centre right vent control motor-V111
715	Rear footwell vent control motor-V112
716	Air recirculation flap contr.motor-V113
717	ACF flap control motor-V114
718	Switch for top left vent-F179
719	Switch for top right vent-F180
720	Switch for lower left vent-F181
721	Switch for lower right vent-F182
722	Switch for center left vent-F183
723	Switch for center right vent-F184
724	Switch for left rear footwell vent-F185
725	Switch for R rear footwell vent-F186
726	Switch for Ce rear footwell vent-F187
727	Potentiometer in V107-G135
728	Potentiometer in V110-G136
729	Potentiometer in V111-G137
730	Potentiometer in V102-G138
731	Potentiometer in V108-G139
732	Potentiometer in V109-G140
733	Potentiometer in V112-G141
734	Potentiometer in center vent-G142
735	Potentiometer in V113-G143
736	Potentiometer in V114-G144
737	Left heat regulation valve-N175
738	Right heat regulation valve-N176
739	Coolant circulation pump-V50
740	Cylinder1 recognition sender-G145

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
741	Brake pedal monitoring
742	Main vehicle battery venting system
743	Battery ventilation sender-G146
744	Main vehicle battery temperature contrd
745	Insulation monitoring
746	Main vhicle battery cell failure
747	Front battery temperature sender-G52
748	Rear battery temperature sender-G53
749	Vent flap
750	Fault lamp
751	Main veh.battery charge state display
752	Fan and battery heating
753	Elec.connctions wheel speed impulse
754	Overheating warning lamp
755	Oil pressure warning lamp-k3
756	Left vent temperature sender-G150
757	Right vent temperature sender-G151
758	Secondary air system
759	Left vent temperature adjuster-G155
760	Right vent temperature adjuster-G156
761	Fault stored in engine control unit
762	Sensor de Temperatura do Liquido Refrigerante
763	Gas press.sender(driver's side)-G147
764	Gas press.sender(passenger side)-G148
765	Modulating piston movement sender-G149
766	Front vent temperature sender-G152
767	Rear evaporator temperature sender-G153
768	R.heat exchanger temp.sender-G154
769	Coolant temp.sender-engine outlet-G82
770	Coolant temp.sender-radiator outlet-G83
771	Falha Sensor Indicador Nivel de Combustivel
772	Oil pressure switch-F22
773	Oil pressure sender-G10
774	Self leveling sender RL-G76
775	Self leveling sender RR-G77
776	Self leveling sender FL-G78
777	Accelerator position sender-G79
778	Steering angle sender-G85
779	Falha Sensor Temperatura Exterior
780	Vertical acceleration sender-G90
781	Front left motor-V76
782	Front right motor-V77
783	Rear left motor-V78
784	Rear right motor-V79

COD.	DESCRIÇÃO DA FALHA (CONT.)
785	Dash panel temperature sensor-G56
786	Roof temperature sensor-G86
787	Fresh sir intake temperature sensor-G89
788	Footwell 2-way valve defrost flap-N118
789	Reversing light switch-F41
790	Fresh/recirculating air flap
791	Evaporator temperature switch-E33
792	Air conditioner pressure switch-F129
793	Brake pedal position sender-G100
794	Hdraulic pump sender-G101
795	Vertical acceleration sender-G102
796	Blower for temperature sensor-V42
797	Sunlight penetration photo sensor-G107
798	Segment test
799	Coolant temperature sender-G110
800	Temperature sensor blower-G109
801	High press.switch coupling-G118
802	Air conditioner low pressure switch-F73
803	Front right spring travel sender-G116
804	Front left spring travel sender-G115
805	FL suspension strut valves-N148
806	FR suspension strut valves-N149
807	RL suspension strut valves-N150
808	RR suspension strut valves-N151
809	Brake servo ESP
810	Brake pressure senders 1/2
811	System not ready for interrogation
812	Brake pressure solenoid trip switch-F84
813	Brake pressure sender -2-G214
814	Brake pressure solenoid-N247
815	Brake recognition switch-F238
816	Steering assistance sensor-G250
817	Steering assistance temp. protection
818	Evaporator exit air temp.sender-G263
819	High pressure sender-G65
820	Brake recognition switch ESP-F83
821	Antenna 2 for Radio -R93
822	Connection from Digital Sound Package to Radio
823	Line Output from Left
824	TCS warning lamp-k86 TCS
825	Heated driver's seat-Z6
826	Heated passenger seat-Z8
827	Radiator fan relay-J26
828	Relay for radiator fan 3rd speed-J135

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COD.	DESCRIÇÃO DA FALHA (CONT.)
829	Heating control unit-J162
830	Convertible top operation ctrl unit-J2-56
831	Radiator fan ctrl unit speeds 1+2-J293
832	Operating and display unit-E87
833	Heated windscreen actuating signal
834	Heated rear window actuating signal
835	Connection to CU,convertible top operation
836	Valve 1 for gear selection,forward-N284
837	Valve 2 for gear selection,reverse-N285
838	Valve 3 for gear selection-N286
839	Valve 4 for gear selection-N287
840	Gearbox hydraulic pump relay-J510
841	Gearbox hydraulic pressure sender-G270
842	Control Module for Electronic Manual Transmission
843	Selector lever poti.fwd./rev.-G272
844	Selec.lever gate recognition switch-F257
845	Selector lever N recognition switch-F258
846	Selec. lever Stop recognition switch-F259
847	Consumer switch-off relay-J511
848	Direct-shift gearbox hydraulic pump-E262
849	Contato S no interruptor da ignição/partida
850	Ctrl output active ampli.on radio
851	Loudspeaker
852	Loudspeaker f
853	Loudspeaker r
854	Output radio display dash panel insert
855	Connection to CD changer
856	Aerial,on the radio
857	CD changer-R41
858	Connect. radio midrange outp.,aerial amp
859	Line Output Front Right
860	Line Output Rear Left
861	ConnectiOn to computer for navigation
862	Navigation aerial (GPS)-R50/R52
863	TV aerial -1-R55
864	TV aerial -2-R56
865	TV aerial -3-R57
866	TV aerial -4-R58
867	Connection to ABS control unit
868	Angle of turn sensor-G208
869	Line Output Rear Right
870	Bass tone loud speaker fl-R21
871	Bass tone loud speaker fr-R23
872	Bass tone loud speaker rl-R15

COD.	DESCRIÇÃO DA FALHA (CONT.)
873	Bass tone loud speaker rr-R17
874	treble tone loud speaker fl-R20
875	treble tone loud speaker fr-R22
876	treble tone loud speaker rl-R14
877	treble tone loud speaker rr-R16
878	Connections to loud speakers fl
879	Connections to loud speakers fr
880	Connections to loud speakers rl
881	Connections to loud speakers rr
882	Program selection control unit-E200
883	Ignition starter switch(S terminal)
884	Ignition starter switch(X terminal)
885	Ignition starter switch(terminal 50)
886	Turn signal switch-E2
887	Button for hazard warning lights-E229
888	Intermittent wiper switch-E22
889	Horn plate-H
890	Button for heated rear window-E230
891	Button for remote tailgate release-E233
892	Release button,tailgate lock cyl-F248
893	Release button,tailgate handle-E234
894	Button for exterior mirror heating-E231
895	CSS switch-E45
896	Tailgate locking unit-F256
897	Windscreen washer pump-V5
898	Activation A/C Compressor
899	Fuse for wiper motor-S128
900	Fuse for horn/dual tone horn-S194
901	Reversing lights
902	Fuse for remote tailgate release-S195
903	Fuse for exterior mirror heating-S196
904	Fuse for selector lever lock-S197
905	Fuse for reversing lights-S40
906	Horn/dual tone horn-H1
907	Load management intervention
908	Control Module for Wiper Motor
909	Windscreen wiper motor-V(speeds 1,2)
910	Hazard warn. light sys. warning lamp-K6
911	Heated rear window warning lamp-k10
912	Interruptor do vidro elétrico porta do passageiro - E40
913	Interruptor do vidro elétrico porta do condutor - E81
914	Interruptor do vidro elétrico traseiro esquerdo - E53
915	Interruptor do vidro elétrico traseiro direito - E55
916	Rear elec.window iso.switch-E39

COD.	DESCRIÇÃO DA FALHA (CONT.)
917	Regulator for Windshield Wiper Interval
918	Rear window wiper motor-V12
919	Motor for Rear Windshield Wiper -V12
920	Heated exterior mirror(Z4/Z5)
921	Heated exterior mirror warning lamp-K153
922	Intermittent wiper switch-E22(speed 1)
923	Intermittent wiper switch-E22(speed 2)
924	headlight washer system relay-J39
925	Fuse(30) for interior lighting-S261
926	Terminal 30
927	Terminal 30 Right
928	Unidade de travamento para o sistema central de travamento no lado do motorista - F220
929	Unidade de travamento para o sistema central de travamento no lado do passageiro - F221
930	Unidade de travamento para o sistema central de travamento no traseiro esquerdo - F222
931	Unidade de travamento para o sistema central de travamento no traseiro direito - F223
932	Motor elevador do vidro lado do motorista - V147
933	Motor elevador do vidro lado do passageiro - V187
934	Motor elevador do vidro porta traseira esquerda - V26
935	Motor elevador do vidro porta traseira direita - V72
936	Interruptor elevador do vidro lado passageiro - E107
937	Interruptor elevador do vidro porta traseira esquerda - E52
938	Interruptor elevador do vidro porta traseira direita - E54
939	Motores de ajuste do espelho no lado do motorista - V149
940	Motores de ajuste do espelho no lado do passageiro - V150
941	Motor de encosto do espelho no lado do motorista - V121
942	Motor de encosto do espelho no lado do passageiro - V122
943	Aquecimento do espelho no lado do motorista - Z4
944	Aquecimento do espelho no lado do passageiro - Z5
945	Sensor Crash - G190
946	Luz interior - W
947	Interruptor de destravamento a distancia da tampa traseira - E188
948	Sinal para fechar o teto solar de correr/de abrir para cima
949	Motor do sistema de trancamento do porta malas travado - V53
950	Motor do sistema de trancamento do porta malas destravado
951	Rele para o motor de destravamento a distancia da tampa traseira - J398
952	Sinal porta aberta no lado do motorista
953	Limitação de tempo da luz interna
954	Rele de bloqueio para motor de partida - J433
955	Chave 1
956	Chave 2
957	Chave 3
958	Chave 4
959	Warning lamp CL safe
960	Microinterruptor fechadura no lado do motorista

COD.	DESCRIÇÃO DA FALHA (CONT.)
961	Microinterruptor fechadura no lado do passageiro
962	Alarm Via Slope Sensor
963	Signal Wire to Incline Sensor
964	Driver Door Open Signal,B+
965	Alarm horn fuse-S158
966	Turn signal fuse-S1-47
967	Turn signals left
968	Turn signals right
969	Heated rear window individual fuse-S41
971	Heated windscreen relay,left-J403
972	Heated windscreen relay,right-J404
973	Heated rear window switch-E15
974	Heated windscreen switch-E180
975	Heated rear window-Z1
976	Heated windscreen warning lamp-K122
977	Dipped beam l+r
978	Bulb f.dipped beam headlight,l-M29
979	Bulb f.dipped beam headlight,r-M31
980	Left dipped beam fuse-S152
981	Right dipped beam fuse-S153
982	Left side light fuse-S154
983	Right side light fuse-S155
984	Tail light bulb,left-M4
985	Tail light bulb,right-M2
986	Brake light fuse-S1-56
987	Brake light bulb,left-M9
988	Brake light bulb,right-M10
989	Consumer switch-off fuse-S157
990	Consumer switch-off
991	Interior lighting
992	Consumer switch-off active
993	Consumer switch-off inactive
994	Dr.seat front height adj.sender-G215
995	Dr.seat rear height adj.sender-G216
996	Dr.seat head restr.hght adj.sender-G217
997	Motor for driver's seat for/aft adj.-V28
998	Driver's seat backrest adj.motor-V45
999	Motor for dr.seat front hght adj. -V29
1000	Motor for dr.seat rear hght adj.-V30
1001	Dr.seat head restr.adj.motor-V103
1002	Dr.seat front hght adj.button,up-E208
1003	Dr.seat front hght adj.button,down-E209
1004	Dr.seat rear hght adj.button,up-E210
1005	Dr.seat rear hght adj.button,down-E211

COD.	DESCRIÇÃO DA FALHA (CONT.)
1006	Dr.seat longit.adj.forwards-E212
1007	Dr.seat longit.adj.backwards-E213
1008	Note:Emerg.switch-off switch operated!
1009	driver.seat longitudinal adj.sender-G218
1010	Driver's seat backrest sender-G219
1011	Dr.seat head restr.adj.butt.,up.-E214
1012	Dr.seat head restr.adj.butt.,down.-E215
1013	Air cond. comp. load signal
1014	End stage for fan thermos
1015	Radiator fan ctrl
1016	Air clum valve-Gas suspension-N106
1017	Gas suspension compressor-V65
1018	Radiator fan -VT
1019	Relay
1020	Water pump-V36
1021	Diff.lock warning lamp-k81
1022	Interior light,rombigfig.activated
1023	Buzzer/Gong-H3
1024	Rain sensor-G213
1025	Fault warning lamp activation defective
1026	Rear evaporator blower-V20
1027	Rear warm air blower-V47
1028	Blower relay-J323
1029	Air conditioner relay-J32
1030	Interruptor da trava central lado do condutor - falha ao travar
1031	Interruptor da trava central lado do condutor - falha ao destravar
1032	Interruptor da trava central lado do passageiro - falha ao travar
1033	Interruptor da trava central lado do passageiro - falha ao destravar
1034	Elevador do vidro de protecao termica ativa - condutor
1035	Elevador do vidro de protecao térmica ativa - passageiro
1036	Elevador do vidro de protecao térmica ativa - traseiro esquerdo
1037	Elevador do vidro de protecao térmica ativa - traseiro direito
1038	Sistema de travamento central - protecao térmica
1039	Coolant temperature gauge sender-G2
1040	ABS/gearbox electrical connection 2
1041	TCS function implausible
1042	Control unit not coded
1043	Control unit:wrong software version
1044	Aparelho de Comando com Codificacao Errada
1045	Tiptronic switch-F189
1046	Brake pad warning lamp-k32
1047	Brake system warning lamp-k7
1048	Diesel electronics warning lamp-k104
1049	System voltage terminal 50

COD.	DESCRIÇÃO DA FALHA (CONT.)
1050	Glow plug monitoring
1051	Fuel metering control posit.motor-V117
1052	Load signal potention motor-G157
1053	Deviation of injection Valve-N182
1054	Voltage supply replay terminal 30-J317
1055	Commencement of injection sender-G158
1056	Function: compensation charging
1057	Function: voltage constant charging
1058	Function: current constant charging
1059	Rotor position sender-G159
1060	Winding temp.sender armature mts.-G160
1061	Warning temp.sender/winding head-G161
1062	Signal for battery current reduction
1063	Shift Lever 'Economy' Recognition
1064	Terminal 58d Interior Light Dimmer
1065	Connection RNS to TV-Antenna Amplifier
1066	Driving even though in Selector Position N
1067	Auxiliary Heater Core Shut-Off Valve -N317
1068	Hydr.pump rel.,clutch positioner-J498
1069	Brake servo pressure system
1070	Starter relay-J53
1071	Clutch movement sender-G162
1072	Clutch positioner vacuum valve-N183
1073	Clutch positioner pres valve
1074	Clutch positioner vent valve-N184
1075	Vacuum pump relay -J138
1076	Clutch hydraulic pump relay-J319
1077	Break servo vacuum switch -F190
1078	Gearshift switch-F191
1079	Steering hydraulics relay-J320
1080	Falha Rele Ar condicionado
1081	Priority switching valve-N185
1082	Fuel reserve warning lamp—K105
1083	Washer water stortase warning lamp-K106
1084	0;ãC temperature warning lamp-K107
1085	4;ãC temperature warning lamp-K108
1086	Sensor de Velocidade
1087	Falha Sinc. Corpo da Borboleta
1088	Mixture adaption 2
1089	Roof hoop stowed switch-F204
1090	Roof hoop stowed switch—F203
1091	Front convertible top switch-F202
1092	Convertible top stowed switch-F171
1093	Upper convertible top box lid SW.-F201

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COD.	DESCRIÇÃO DA FALHA (CONT.)
11094	Left convertible top box lid SW.3-F195
11095	Left convertible top box lid SW.2-F197
11096	Left convertible top box lid SW.3-F199
11097	Convertible top locked switch-F172
11098	Rear flap closed switch -F206
11099	Luggage compartment latched switch
11100	Luggage compartment released switch
11101	Interlock switch-F205
11102	Ri convertible top box lid sw.3-F196
11103	Ri convertible top box lid sw.2-F198
11104	Ri convertible top box lid sw.1-F200
11105	Solenoid value 8-N186
11106	Relay for lowering windows - J291
11107	Convertible top warning lamp - K98
11108	Relay for raising windows- J292
11109	Hydraulic pump relay - J321
11110	Solenoid for interlock - N187
11111	Luggage compartment lock posit. Motor 1
11112	Current supply for posit. Motors 1 and 2
11113	Luggage compartment lock posit. Motor 2
11114	Handbrake warning switch - F9
11115	Rapid data transfer
11116	Posit . motor for convertible top release
11117	load signal for alternator terminal DF
11118	Engine preheating
11119	Gear recognition signal
11120	Falha Ajuste Comando de Valvulas
11121	Camshaft timing control 2
11122	Hall sender 2-G163
11123	Faulty activation
11124	Charging time monitoring
11125	Intake manifold change - over
11126	Falha no Tacometro
11127	Fuel reserve warning lamp - K16
11128	Bobina de Leitura do Imobilizador
11129	S - contact - H15
11130	Rapid data transfer
11131	Comando das lampadas de pisca-pisca
11132	Front infrared sensor -G166
11133	Rear infrared sensor -G167
11134	Sirene de alarme - H12
11135	Sensores para supervisao do compartimento interior
11136	Startor motor start interruption
11137	CL switch;locking - contacts

COD.	DESCRIÇÃO DA FALHA (CONT.)
1138	CL switch;Drivers door release
1139	CL switch;F passenger's door release
1140	CL switch;TG/BL release
1141	Interruptor de destravamento da tampa traseira
1142	CL motors;Driver's door and tank closed
1143	CL motors;Driver's door and tank open
1144	CL motors;F passenger's door open
1145	CL motors;Rear doors open
1146	CL m.;F passenger's and R doors closed
1147	TG/BL locking motor -V120 TG/BL
1148	Activation of safe locking of doors
1149	Deactivation of safe locking of doors
1150	Analogue displays
1151	Diesel engine inhibitor switch -F207
1152	Gear monitoring switch -F209
1153	Economic switch -E163
1154	Clutch system pressure switch -F210
1155	Clutch
1156	Gear recognition switch-F208
1157	Alarm horn supply voltage
1158	Turn signals supply voltage
1159	safe system wiring
1160	Coolant heater element relay-J325
1161	Camshaft control valve end stage
1162	Misfiring
1163	Backfire
1164	ESP operation
1165	Módulo de Controle do Acelerador Eletrônico J338
1166	Engine torque signal
1167	Full throttle stop valve -N194
1168	Idling speed boost valve
1169	Front left door contact switch -F2
1170	Injection period sender -G175
1171	Temp.sensor,passenger's seat-G60
1172	Temperature sensor-Driver's seat-G59
1173	Driver's seat fore and aft adj.motor-v28
1174	Driver's seat height adj.motor-v138
1175	Heated driver's seat regulator-E94
1176	Falha no Sinal do Transponder
1177	UC Motor (não adaptada ou curto na fiação entre UC do Motor e UC do Painel)
1178	Powertrain Databus Static CAN Bus
1179	Programação das Chaves Incorreta
1180	Falha Rele Ar condicionado
1181	Initial coding :only 2 keys entered

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
1182	Falha Adaptação Altitude
1183	Cat.warning lamp-k72
1184	Rear air outlet temp.sender-G174
1185	Rear fresh air blower-v80
1186	Rear air distribution servo motor-v136
1187	Rear temp.flap servo motor-v137
1188	Magnetic coupling CU-elec.operation
1189	Posit.motor for air distri.front-V145
1190	Servo motor CU-elec.operation
1191	Seat Adjustment Motors
1192	Torgve converter lock-up clutch
1193	Heating relay-J359 output signal too low
1194	Heating relay-J360 output signal too high
1195	END
1196	Engine/Gearbox-data bus
1197	Drive train data bus wrong software ver.
1198	Convenience data bus wrong software ver.
1199	Engine/ABS -electrical connection
1200	ABS valves voltase supply ABS
1201	ABS pump voltase supply ABS
1202	Linha de Dados de navegacao
1203	ABS/Dash pan.ins.electr.consumer
1204	Engine temp.sender-G27
1205	A/C relay-J254
1206	Ign.time period signal off
1207	Additional heating control unit-J364
1208	Data changed in control unit
1209	Speed sign. generator terminal W
1210	Ctrl learns adjustm.range
1211	Rear belt tensioner ignit.,dr.side-N196
1212	Rear belt tensioner ignit.,pass.s.-N197
1213	Rear belt tensioner igniter,centre-N198
1214	Crash Data Seat Belt Tensioner Stored
1215	Seat occup.sens.driver's side rear-G177
1216	Seat occup.sens.,pass.side rear-G178
1217	Side airbag igniter,driver's side-N199
1218	Side airbag igniter,pass.side-N200
1219	Rear airbag igniter,driver's side-N201
1220	Rear airbag igniter,pass.side-N202
1221	Crash sens. side airbag driv.side-G179
1222	Crash sens. side airbag pass.side-G180
1223	Signal open central locking
1224	Control unit does not match vehicle
1225	Auxiliary heater radio receiver-R64

COD.	DESCRIÇÃO DA FALHA (CONT.)
1226	Crash data side airbag DS stored
1227	Crash data side airbag PS stored
1228	Airbag switch-off switch,pass.side-E224
1229	Humidity sender for A/C system-G260
1230	Air vent temp.sender L foot well-G261
1231	Air vent temp.sender R foot well-G262
1232	A/C compressor regulator valve-N280
1233	Coolant shut-off valve,heating-N279
1234	Heated windscreen control unit-J505
1235	Secondary air inlet valve -N112
1236	Selector level lock solenoid-N110
1237	Fuel shut-off valve -N109
1238	Ignition timing angle control
1239	Vent in throttle positioner-N97
1240	Breathe in Throttle positioner-N117
1241	ACF solenoid 2-N115
1242	Output stage in control unit
1243	Intake manifold press.change valve-N156
1244	Lambda probe heating control valve-N208 Lambda
1245	Diff.pressure regulator -N73
1246	Intake manifold preheating relay-J81
1247	Falha Valv. Limpeza Canister
1248	2 way valve/fule throt. Enrichment-N54
1249	Falha Valv. Injetora 1 Cil N30
1250	Falha Valv.Injetora 2 Cil N31
1251	Falha Valv.Injetora 3 Cil N32
1252	Falha Valv.Injetora 4 Cil N33
1253	Injector,Cylinder 5-N30
1254	Injector,Cylinder 6-N30
1255	Injector,Cylinder 7-N30
1256	Injector,Cylinder 8-N30
1257	Falha Circ.Val.Cont.March.Lenta
1258	Choke valve positioner-V63
1259	Falha Rele Bomba de combustivel
1260	Overrun cut-off valve-N65
1261	Lambda control frequency valve-N7 Lambda
1262	Válvula de Controle de Pressão do Turbo
1263	Cold start valve-N18
1264	Secondary air pump relay-J299
1265	EGR valve-N18
1266	Glow plug relay-J52
1267	Automatic glow period control unit-J179
1268	Metering control-N146
1269	Deviation of injection valve-N108

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
1270	A/C magnetic coupling-N25
1271	Motor for temperature flap-v68
1272	Motor for central flap-V70
1273	Fresh air blower -V2
1274	Motor for air recirculation flap-V71
1275	Solenoid relay
1276	ABS hydraulic pump-V64
1277	ABS hydraulic relay-J185
1278	EDL cut-off relay-J263
1279	Longitudinal acceleration sender-G251
1280	Airbag passenger side switched off
1281	Airbag driver's side switched off
1282	Intake manif. flap ch.-over valve-N239
1283	Intake manifold flap motor-V157
1284	Side airbag driver's side switched off
1285	Side airbag passenger side switched off
1286	Belt tensioner dr.side switched off
1287	Belt tensioner pass. side switched off
1288	Terminal 30 Steering Assistance
1289	Terminal 15 Steering Assistance
1290	Reference Voltage Assisted Steering
1291	Left Rear Side Airbag Shut-Off Key Switch -E297
1292	Right Rear Side Airbag Shut-Off Key Switch -E298
1293	Left Rear Airbag Disabled Indicator Lamp -K167
1294	Right Rear Airbag Disabled Indicator Lamp -K168
1295	Control Module in Instrument Cluster Incorrectly Coded
1296	Centre vent temp.sender-G191
1297	Footwell vent.temp sender-G192
1298	Warming lamp test combi instrument
1299	Diagnostic Interface for Data Bus(J533)
1300	Nav.with CD drive control unit-J401
1301	Speech input control unit-J507
1302	Telematic control unit-J499
1303	Telephone transmitter/receiver unit-36
1304	Radio
1305	Data bus display
1306	Rapid data bus display
1307	Optical fibre data bus display
1308	Roof electronics control unit
1309	Steering assistance control unit-J500
1310	Self levelling suspension CU-J197
1311	Data bus information
1312	Bus de Dados Propulsao - Defeituoso
1313	Data bus drive in emerg.mode

COD.	DESCRIÇÃO DA FALHA (CONT.)
1314	Falha(s) presente(s) na ECU do Motor - Verificar Sistema e DTC
1315	Falha(s) presente(s) na UC de T/A - Verificar Sistema e DTC
1316	Falha(s) presente(s) na UC do ABS - Verificar Sistema e DTC
1317	Falha de Comunicação com UC do Painel Instrumentos J285
1318	Aparelho de Comando do Rele da Bomba Comb. J17
1319	Control unit for distance control-J428
1320	Control unit for Climatronic-J255
1321	Control unit for Airbag-J234
1322	Multi-function unit control unit-J501
1323	Automatic clutch control unit-J439
1324	Four-wheel drive control unit-J492
1325	Type pressure monitoring contr.unit-J5-02
1326	Multi-func.steering wheel ctrl.unit-J453
1327	Parking aid control unit-J446
1328	Bus dados conforto
1329	Bus dados de conforto em emergência
1330	Aparelho de comando central para conforto
1331	Aparelho de comando da porta no lado do motorista - J386
1332	Aparelho de comando da porta no lado do passageiro - J387
1333	Aparelho de comando da porta traseira esquerda - J338
1334	Aparelho de comando da porta traseira direita - J389
1335	Aparelho de comando para posição assento/espelho no lado do motorista
1336	VW Group convenience data bus
1337	Inner door handle illumination
1338	Doors not shut
1339	Open door light,mounted in door
1340	Mirror adjustment switch
1341	CU,dash panel dspl. conv. data bus-J285
1342	Engine Control Module(ECM) 2 (Slave 1)
1343	Engine Control Module(ECM) 3 (Slave 2)
1344	Gas discharge lamp
1345	Gas discharge lamp ignition module-N195
1346	Wire to ignition module
1347	Wire to gas discharge lamp
1348	Interior Monitoring Control Lamp -K162
1349	Alarm from front anti-theft sensor
1350	Alarm from rear anti-theft sensor
1351	Communication wire to earth
1352	Frequency signal wire,front, 5V level
1353	Frequency signal wire,rear, 5V level
1354	Release signal immobilizer
1355	Signal: open all windows
1356	Signal: close all windows STR
1357	Tank flap lock motor-V155

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
1358	Interruptor para travamento interno no lado do passageiro - E198
1359	Interruptor para travamento interno no lado do passageiro - E198
1360	Open ATW switch
1361	Close ATW switch
1362	Interruptor para fechar a tampa traseira - F124
1363	Switich for CL;driver's door-F59
1364	Switich for CL;passenger door-F114
1365	Lock/unlock switch/button int.
1366	Opened via crash signal
1367	Switch off via CL pump
1368	Alarm via luggate compart.switch
1369	Alarm via bonnet switch
1370	Alarm via interior scanning
1371	Alarm via door contact switch driv.side
1372	Alarm via door ctact. switch rear pass.s.
1373	Alarm via radio earth contact
1374	Alarm via terminal 15
1375	Engine mounting valve stage 1
1376	Rev signal for injection pump
1377	Left ultra-sonic sens. for ATW-G170
1378	Right ultra-sonic sens. for ATW-G171
1379	Interior monitor switch-E183
1380	Alarm via ATW sensor rl
1381	Alarm via ATW sensor rr
1382	Alarm via ATW sensor fl
1383	Alarm via ATW sensor fr
1384	Alarm via glass break sensor
1385	Alarm via warning lamp-K95
1386	Create active alarm
1387	Power supply wiring
1388	Signal pulse wire
1389	Interruptor para abrir a tampa traseira - F124
1390	Activate interior scanning
1391	Simulate crash signal
1392	Next final ctrl:operate—>
1393	Sender for self-level.susp.-G84
1394	Warning lamp for self-level.susp.-K134
1395	Self-level.susp.compress.electr.mot.-V66
1396	Rear strut valves N150/151
1397	Pressure relief solenoid-N111
1398	Signal from CL:doors open
1399	Comp./self level.susp relay-J403
1400	Self levelling suspension
1402	Data wire from navigation

COD.	DESCRIÇÃO DA FALHA (CONT.)
1403	Glass break sensor rear
1404	Engine mouting valve stage 2
1405	EGR valve 2-N213
1406	No flame
1407	Flame stop
1408	Insuff.voltage switch-off(pre-det.valve)
1409	Repeated flame interruption
1410	Heating unit overheated
1411	Temperature sensor-G18
1412	Glow plug with flame monitor-Q8
1413	Metering pump-V54
1414	Combustion air blower-V6
1415	Recirculating pump-V55
1416	Fresh air blower activation sign
1417	Water heating activation signal
1418	Switch valve 1 f.drive dyn.ctrl.-N225
1419	Switch valve 2 f.drive dyn.ctrl.-N226
1420	High pressure valve 1 for DDC-N227
1421	High pressure valve 2 for DDC-N228
1422	Hydraulic pump f.drive dyn.ctrl.-V156
1423	Sensor for lateral acc.-G200
1424	Signal wire,yaw rate sender-G202
1425	Reference wire,yaw rate sender-G202
1426	Operating unit in steering wheel-E221
1427	Radio louder
1428	Radio quieter
1429	Radio station search UP
1430	Radio station search DOWN
1431	Telephone memory
1432	Next telephone memory
1433	Loudspeaker (telephone/navigation)-R39
1434	Braek light suppression relay(ESP)-J508
1435	Brake pressure sender -1,-G201
1436	Brake fluid level too low
1437	Ctrl pos.not learnt
1438	Vehicle is being lifted
1439	Check inclination
1440	Fuel level signal
1441	Fuel shortage sender-G210
1442	Misfiring due to lack of fuel
1443	Matching to battery not carried out
1444	Insuff.voltage switch-off(automatic)
1445	Dr.seat longit.adj.sender-G227
1446	Dr.seat bckrest adj.sender-G230

COD.	DESCRIÇÃO DA FALHA (CONT.)
1447	Dr.seat height adj.sender-G231
1448	Dr.seat rake adj.sender-G232
1449	Dr.seat rake adj.-E222,backwards
1450	Dr.seat rake adj.-E222,forwards
1451	Switch f.dr.st hght+longit.adj.-E61,up
1452	Switch f.dr.st hght+longit.adj.-E61,dwn
1453	Switch f.dr.st hght+longit.adj.-E61,forw
1454	Switch f.dr.st hght+longit.adj.-E61,bck
1455	Switch f.dr.st bckrest adj.-E96,forw
1456	Switch f.dr.st bckrest adj.-E96,bck
1457	signal for mirror position
1458	Signal from central locking
1459	Memory seat driver 1 button-E218
1460	Memory seat driver 2 button-E219
1461	Memory seat driver 3 button-E220
1462	ATA ultra sonic sensor-G209
1463	Alarm via sensor for ATA
1464	Brake pressure/lat.acceleration sender
1465	Signal wiring from combi-instrument
1466	Signal wiring to combi-instrument
1467	Front left type pressure sender-G222
1468	Front righth type pressure sender-G223
1469	Rear left type pressure sender-G224
1470	Rear right type pressure sender-G225
1471	Spare wheel type pressure sender-G226
1472	Aerial for monitor fl type pressure-R59
1473	Aerial for monitor fr type pressure-R60
1474	Aerial for monitor rl type pressure-R61
1475	Aerial for monitor rr type pressure-R62
1476	Aerial for monitor type press.,spare-R63
1477	System switched off
1478	Monitor for spare wheel switched off
1479	Head rest Adjustment Sensor -G129
1480	Drivers Head rest Adjustment Switch -E155,Up
1481	Drivers Head rest Adjustment Switch -E155,Down
1482	Motors for central locking
1483	Activation of Rear Lid Remote Unlocking
1484	Central Locking Key Button -Unlock
1485	Central Locking Key Button -Lock
1486	System Function Test Activated
1487	System Function Test
1488	Coolant temperature sender,heating-G241
1489	Overheating sensor-G189
1490	Flame monitor-G64

COD.	DESCRIÇÃO DA FALHA (CONT.)
1491	Glow plug for heater-Q9
1492	Function lock
1493	Left Front turn Signal Light -M5
1494	Left Parking Light -M1
1495	Left High beam Headlight -M30
1496	Left Front Fog Light -L22
1497	Right Front turn Signal Light -M7
1498	Right Parking Light -M3
1499	Right High beam Headlight -M32
1500	Right Front Fog Light -L23
1501	Left Rear Turn Signal Light -M5
1502	Left Rear Fog Light -L46
1503	High-mount Brake Light -M25
1504	License Plate Light -X
1505	Right Rear Turn Signal Light -M8
1506	Right Rear Fog Light -L47
1507	Initialization Not Successful
1508	Switch Off Since Final Position Not Reached
1509	Spoiler Not Extended at Speed Larger Alarm Barrier
1510	Spoiler Not Extended at Speed Larger Alarm Barrier
1511	Switch for Rear Spoiler Adjustment
1512	Control Module for Sunroof
1513	Tilting Sunroof Cannot Be Lowered
1514	Regulator for Sunroof Adjustment
1515	Release Signal of Comfort System
1516	Terminal 30 Left
1517	Control Module for Towing Sensor -J345
1518	Left Back-Up Light -M16
1519	Right Back-Up Light -M17
1520	Rain/light Recognition Sensor -G397
1521	Tire Pressure Sensor
1522	Telephone Handset -R37
1523	Telephone Microphone -R38
1524	Antenna for Telephone
1525	Telephone Card for Telematic
1526	Emergency Call Button -E276
1527	Roadside Assistance Button -E275
1528	Auxiliary Antenna(Telematics) -R90
1529	Auxiliary Speaker(Telematics) -R91
1530	Mute Switch Radio
1531	Emergency Battery
1532	Combi-instrument signal wire
1533	Terminal 56(headlight)
1534	L headlight range ctrl posit.motor-V48

COD.	DESCRIÇÃO DA FALHA (CONT.)
1535	R headlight range ctrl posit.motor-V49
1536	Vehicle is lowered
1537	Sender for veh.level/supp.volt.
1538	Motors for beam adjustment.-V48/V49
1539	Headlights not set
1540	Headlights are being lowered
1541	Headlights are being raised
1542	Wheel angle sender-G202
1543	Parking aid warning buzzer-H15
1544	Parking aid warning lamp-K136
1545	Rl parking aid sender-G203
1546	Rl,ctr,parking aid sender-G204
1547	Rr,ctr.,parking aid sender-G205
1548	Rr. parking aid sender-G206
1549	Voltage supply for parking aid sender
1550	Reverse gear signal
1551	Signal for closing central locking
1552	Ctrl.lock.motor,dr.door-V56,LOCK
1553	Ctrl.lock.motor,pass.door-V57,UNLOCK
1554	Motors for centr.locking doors rear,LOCK
1555	Motors for central locking,SAVE
1556	Motors for central locking,UNLOCK
1557	Cont.switch in locking cyl.DS-F241,open
1558	Cont'switch in locking cyl.DS-F241,close
1559	Driver's door
1560	Passenger door
1561	Door rear left
1562	Door rear right
1563	Int.lock.switch,dr.s.-E150,LOCK
1564	Int.lock.switch,dr.s.-E150,UNLOCK
1565	Luggage compartment light-W3
1566	Activate signal for int.monitoring
1567	Contact switch for ATA-F120
1568	Signal for comfort opening
1569	Signal for comfort closing
1570	Switch-off delay,Term.15
1571	Signal for seat memory
1572	Alarm via door contact switch,pass.side
1573	Alarm via door contact switch rear left
1574	Alarm via door contact switch rear right
1575	Control switched off
1576	Thermal Protection of Motor for Wind Deflector
1577	Switch off due to excessive temperature
1578	Pass.s.airbag deactive.warning lamp-K145

COD.	DESCRIÇÃO DA FALHA (CONT.)
1579	Seat occup.sender,dr.side-G128
1580	Child seat occup.send.,pass.side-G211
1581	Wrong component recognised
1582	Signal for coolant temp.
1583	Leak in system recognised
1584	Vehicle too low,pump up started
1585	Contact switch locking cyl.PS-F242,open
1586	Contact switch locking cyl.PS-F242.close
1587	Igniter 2 for Airbag Driver's side-N250
1588	Igniter for head Airbag Driver's side-N251
1589	Igniter for Airbag passenger side-N252
1590	Igniter for interruption battery-N253
1591	Warning lamp f.Airbag out,Drv.side-K144
1592	Air purity sensor-G238
1593	Heated front window-Z2
1594	Alternator switch-on relay-J442
1595	Type pressure control button-E226
1596	Fresh/recirc.air flap positi.motor-V154
1597	Drive battery pre-charging circuit
1598	Drive battery voltage
1599	Main relay for electr.operation-J437
1600	Throttle valve signal from engine CU
1601	Rotor pos. sender in e-engine
1602	Electric drive motor-V141
1603	Converter-C21
1604	Potentiometer 1 for gear recognition-G239
1605	Potentiometer 2 for gear recognition-G240
1606	Battery monitoring signal
1607	Excessive current switch-off
1608	Warning lamp test
1609	Ventilator in control unit
1610	Operating mode switch-E228
1611	Switch duo-switch to e-drive
1612	Coupling positioner valve-N255
1613	Pump relay,fuel cooling-J445
1614	Loss of capacity,driving battery
1615	Tank flap remote unlocking switch-E204
1616	Signal wire for interior monitoring
1617	Interrogate int.monitoring fault mem.
1618	Power-operated soft top valve-N272
1619	Motors for convertible top box
1620	Switch for convert.top operation-E137
1621	Mians socket not in bracket
1622	Voltage transformer (264V/12V)-A13

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
1623	Signal for alternator charging
1624	Switch for drive type-E228,start pos.
1625	Front parking aid warning buzzer-H22
1626	Front right parking aid sender-G252
1627	Front right centre park.aid sender-G253
1628	Front left parking aid sender-G254
1629	Front left centre park.aid sender-G255
1630	Igniter,addl.airbag driver's side-N277
1631	Igniter,addl.airbag pass.side-N278
1632	Loss of high voltage capacity
1633	Thermal management failure
1634	Igniter for Battery Interrupt Switch Off,Crash Data Igniter for Battery Interrupt Stored
1635	Igniter for Belt Tensioner,Rear,Drivers Side -N196
1636	Ignitor,rear bensioner,dr.s.-N196
1637	Ignitor,rear bensioner,ps.s.-N197
1638	Rear side airbag crash sensor,dr.s.-G256
1639	Rear side airbag crash sensor,ps.s.-G257
1640	Rear belt tensioner,driver's side-E258
1641	Rear belt tensioner,passenger side-E259
1642	Seat occupied sensor,dr. side rear-G177
1643	Seat occupied sensor,ps. side rear-G178
1644	Rear side airbag,dr. side turned off
1645	Rear side airbag,ps. side turned off
1646	Head airbag, drive's side turned off
1647	Head airbag, passenger side turned off
1648	Rear belt tensioner, dr. side turned off
1649	Rear belt tensioner, ps. side turned off
1650	Rear side airbag crash data dr.s. stored
1651	Rear side airbag crash data ps.s. stored
1652	Airbag cut-off switch, driver's side
1653	Driver's airbag warning lamp deactivated
1654	Shoulder belt warning lamp
1655	Child seat switch
1656	Crash signal
1657	Left Child Seat Switch -F263
1658	Right Child Seat Switch -F264
1659	Crash Barrier Seat Belt Tensioner Exceeded
1660	Crash Barrier US-Airbag Exceeded
1661	Crash Barrier RorW-Airbag Exceeded
1662	Switch for Interior Lock Passenger Side -E198,LOCK
1663	Switch for Interior Lock Passenger Side -E198,UNLOCK
1664	Left Rear Interior Lock Switch -E273,LOCK
1665	Left Rear Interior Lock Switch -E273,UNLOCK
1666	Right Rear Interior Lock Switch -E273,LOCK

COD.	DESCRIÇÃO DA FALHA (CONT.)
1667	Right Rear Interior Lock Switch -E273,UNLOCK
1668	Seat Memory Button(Driver 4) -E282
1669	Drivers Seat Memory Button -E283
1670	Signal Wire from Garage Door Opener Control Head -E284
1671	Left distance control sender-G258
1672	Right distance control sender-G259
1673	Pot.meter, diaphragm travel, brake servo
1674	AICC trip switch in brake servo
1675	AICC trip sw./pot.meter,diaphragm travel
1676	AICC trip switch/pressure in brake servo
1677	AICC braking valve
1678	Distance selection switch,AICC-E260
1679	Speed signal from ABS(FL wheel)
1680	Speed signal from ABS(FR wheel)
1681	Speed signal from ABS(RL wheel)
1682	Speed signal from ABS(RR wheel)
1683	Wheel speed signal/vehicle speed
1684	CU 2 diesel direct inject. sys.-J494
1685	Air mass meter 2-G246
1686	Radiator fan run-on control unit-J138
1687	Charge press. ctrl. solen. valve 2-N274
1688	Relay for coolant pump -J235
1689	Gearbox mounting valves
1690	Fuel pressure sender -G247
1691	Fuel pressure control valve -N276
1692	Relay or additional coolant pump-J496
1693	Valve for throttle butterfly -N211
1694	Signal wire from airbag
1695	Fuel temperature sender 2-G248
1696	Rear left footwell bulb -W45
1697	Rear right footwell bulb -W46
1698	Window lifter release signal
1699	Central locking motor,tailgate-V53
1700	Anti-theft alarm horn -H8
1701	Interior light dimming
1702	Left foot well light -W9
1703	Right foot well light -W10
1704	Terminal 58 (illumination dimming)
1705	Mirror adjustment change-over switch -E48
1706	Mirror adjustment switch -E43
1707	Door contact switch, passenger side-F3
1708	Rear left door contact switch -F10
1709	Rear right door contact switch-F11
1710	Central locking motors,driver's side

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
1711	Central locking motors,passenger side
1712	Central locking motors, rear left
1713	Central locking motors, rear right
1714	Switch-Over Audio/Telephone
1715	Conversation Function Telephone
1716	Resuming Cruise Control Activation/Accelerating
1717	Storing Cruise Control Activation/Reduction
1718	Switching Off Cruise Control System Activation
1719	Passenger Seat Fore/Aft Adjustment Sensor -G278
1720	Passenger Seat Back Adjustment Sensor -G279
1721	Passenger Seat Rear Height Adjustment Sensor -G280
1722	Passenger Seat Front Height Adjustment Sensor -G281
1723	Passenger Seat Headrest Height Adjustment Sensor -G282
1724	Passenger Seat Fore/Aft Adjustment Switch -E64,Forward
1725	Passenger Seat Fore/Aft Adjustment Switch -E64,Backward
1726	Passenger Backrest Adjustment Switch -E98,Forward
1727	Passenger Backrest Adjustment Switch -E98,Backward
1728	Passenger Seat Rear Height Adjusting Switch -E66,Up
1729	Passenger Seat Rear Height Adjusting Switch -E66,Down
1730	Passenger Seat Front Height Adjusting Switch -E66,Up
1731	Passenger Seat Front Height Adjusting Switch -E66,Down
1732	Front Passenger Headrest Adjustment Switch -E170,Up
1733	Front Passenger Headrest Adjustment Switch -E170,Down
1734	Potentiometer for Horizontal Mirror Adjustment,Driver Side
1735	Potentiometer for Horizontal Mirror Adjustment,Passenger Side
1736	Potentiometer for Vertical Mirror Adjustment,Driver Side
1737	Potentiometer for Vertical Mirror Adjustment,Passenger Side
1738	Driver Front Airbag Crash Sensor -G283
1739	Passenger Front Airbag Crash Sensor -G284
1740	Driver Seat Belt Tensioner Igniter 2 -N297
1741	Passenger Seat Belt Tensioner Igniter 2 -N298
1742	Driver Knee Airbag Igniter -N295
1743	Passengers Knee Airbag Igniter -N296
1744	Ignition/starter Switch -D-(Terminal P)
1745	Radio Transceiver Button -E76
1746	Alarm System Switch -E75
1747	Sensor for Heated Steering Wheel -Z36
1748	Tiptronic Switch in Steering Wheel,Up
1749	Tiptronic Switch in Steering Wheel,Down
1750	Multi-Function Buttons Steering Wheel,Left
1751	Multi-Function Buttons Steering Wheel,Right
1753	Windshield Wiper Motor -V-,Stage 1
1754	Windshield Wiper Motor -V-,Stage 2
1755	Light Switch -E1,Park Light

COD.	DESCRIÇÃO DA FALHA (CONT.)
1756	Fog Light Switch -E23,Fog Light
1757	Headlight Washer Pump -V11
1758	Lamps for Brake Lights
1759	Relay for Dual Horn
1760	No Communication with Engine Control Module (ECM)
1761	Left Rollover Solenoid -N309
1762	Right Rollover Solenoid -N310
1763	Rollover Protection Too Many Activations
1764	WARNING!Convertible Top Must Be Open,Rollover Protection is Being Activated
1765	Engine Control Module(ECM) Control Difference
1766	Brake Control Module -Regulation Difference
1767	Sensor for Vehicle Level Left Voltage Supply
1768	Sensor for Vehicle Level Right Voltage Supply
1769	Right Front Level Control Sensor -G289
1770	Left Control Pump Temperature Sensor -G290
1771	Control Module for Vertical Headlight Aim Control System -J431
1772	Level Control Pressure Sensor -G291
1773	Level Control Accumulator Value -M311
1774	Control Module for Vertical Headlight Aim Control System -J431,Voltage Supply
1775	Signal Wire to Control Module for Vertical Headlight Aim Control System -J431
1776	Control Head for Level Regulation -E281
1777	Redundant Signal Path of Level Control System Control Head -E281
1778	Trailer Signal
1779	Signal from Anti-theft Alarm System,Activate Interior Monitoring
1780	Sensor for Vehicle Leveling
1781	Extremely Unlevel Vehicle
1782	Vehicle is Being Brought to Normal Level
1783	Activation of LEDs in Control Part of Level Control
1784	Vehicle is Being Lowered at Front Left
1785	Vehicle is Being Lowered at Front Right
1786	Vehicle is Being Lowered at Rear Left
1787	Vehicle is Being Lowered at Rear Right
1788	Pressure Reservoir is Being Filled And Emptied
1789	Test OK
1790	Test is Not OK
1791	Vacuum Pump -V22
1792	Vacuum Pump -V22,Activation B+
1793	Vacuum Pump -V22,Activation Ground GND
1794	Control Module Incorrect Vehicle Identification Number(VIN)
1795	Vacuum System Brake
1796	Telematics SIM Card
1797	Power Steering Hydraulic Pressure Valve -N315
1798	Rear/Center Central Locking Switch -E286,LOCK
1799	Rear/Center Central Locking Switch -E286,UNLOCK

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
1800	Light Switch -E1
1801	Door Warning Light, Drivers Side -W30
1802	Door Warning Light, Passenger Side -W36
1803	Door Warning Light, Rear Left -W37
1804	Door Warning Light, Rear Right -W38
1805	Driver Side Entry Lamp
1806	Passenger Side Entry Lamp
1807	Entry Light Rear, Left -W33
1808	Entry Light Rear, Right -W34
1809	Positioning motor for temp. flap l-V158
1810	Positioning motor for temp. flap r-V159
1811	Voltage Supply for Door Control Module Driver Side -J386
1812	Voltage Supply for Door Control Module Passenger Side -J387
1813	Door Control Module ,Rear Left -J388
1814	Voltage Supply for Door Control Module, Rear, Right -J389
1815	Switch for Alarm System Off -E217
1816	Drivers Door Handle Switch -F272
1817	Passengers Door Handle Switch -F273
1818	Left Rear Door Handle Switch -F274
1819	Right Rear Door Handle Switch -F275
1820	Drivers Inner Door Handle Switch -F276
1821	Passengers Inner Door Handle Switch -F277
1822	Left Rear Inner Door Handle Switch -F278
1823	Right Rear Inner Door Handle Switch -F279
1824	Rear Airbags Off Warning Lamp -K164
1825	Pressure Reservoir is Being Tested
1827	Control Module With Indicator Unit in Instrument Panel Insert -J285, Wheel Circumference Implausible
1828	Left Taillight
1829	Right Taillight
1830	Lamps for Rear Fog Lights
1831	Front and Rear Power Window Switch -E154
1832	Front Tire Pressure Monitoring Antenna -R95
1833	Rear Tire Pressure Monitoring Antenna -R96
1834	Left, Side Turn Signal Light -M18
1835	Right, Side Turn Signal Light -M19
1836	Compressor Switched Off
1837	Chip Card Reader -R99
1838	Rader Interior Monitoring Control Module 2 -G305
1839	Rader Interior Monitoring Control Module 1 -G303
1840	Antennas for Tire Pressure Control
1841	Potentiometer in V158-G220
1842	Potentiometer in V159-G221
1843	Solar Cells -C20
1844	Control Module for Fresh Air Blower -J126

COD.	DESCRIÇÃO DA FALHA (CONT.)
1845	Rear Window Shade Switch -E149
1846	Supply Sensor for Rain/Light Recognition
1847	Left Rear Seat Heating Element -Z10
1848	Right Rear Seat Heating Element -Z12
1849	Left Rear Heated Seat Temperature Sensor -G94
1850	Right Rear Heated Seat Temperature Sensor -G95
1851	Right Front Defrost/Upper Body Shut-Off Flap Motor Position Sensor -G317
1852	Left Front Defrost/Upper Body Shut-Off Flap Motor Position Sensor -G318
1853	Left Front Heated Seat -Z45
1854	Right Front Heated Seat -Z46
1855	Left Front Seated Temperature Sensor -G344
1856	Right Front Seated Temperature Sensor -G345
1857	Left Center Air Outlet Sensor -G347
1858	Right Center Air Outlet Sensor -G348
1859	Rear Drivers Side Head-level Airbag Deactivated
1860	Rear Passengers Side Head-level Airbag Deactivated
1861	Left Rear Telephone Connection Indicator Lamp -K172
1862	Right Rear Telephone Connection Indicator Lamp -K173
1863	Left Rear Air Outlet Motor -V218
1864	Right Rear Air Outlet Motor -V219
1865	Left Rear Air Outlet Motor Position Sensor -G349
1866	Right Rear Air Outlet Motor Position Sensor -G350
1867	Left Rear Warm/Cold Flap Air Outlet Motor -V220
1868	Right Rear Warm/Cold Flap Air Outlet Motor -V221
1869	Left Rear Cold/Warm Air Outlet Motor Position Sensor -G351
1870	Right Rear Cold/Warm Air Outlet Motor Position Sensor -G352
1871	Steering Wheel Tiptronic Switch -E389
1872	Drivers Seat Memory Program Control -E97
1873	Passengers Seat Memory Program Control -E277
1874	Backrest/Head Adjustment Button -E332,Up
1875	Backrest/Head Adjustment Button -E332,Down
1876	Belt Height Adjustment Button -E333,Up
1877	Belt Height Adjustment Button -E333,Down
1878	Passengers Seat Title Adjustment Button -E334,Forward
1879	Passengers Seat Title Adjustment Button -E334,Back
1880	Lumbar Support Height Adjustment Button -E335,Up
1881	Lumbar Support Height Adjustment Button -E335,Down
1882	Lumbar Support Fore/Aft Adjustment Button -E336,Forward
1883	Lumbar Support Fore/Aft Adjustment Button -E336,Back
1884	Massage Button -E337
1885	Seat Memory Button Position 1
1886	Seat Memory Button Position 3
1887	Passenger Seat Memory Button -E340
1888	Activation Blower for Seat Cushion

COD.	DESCRIÇÃO DA FALHA (CONT.)
1889	Supply Voltage Blower for Seat Cushion
1890	Activation Blower for Backrest
1891	Voltage Supply Fan for Seat Bolster
1892	Seat Backrest Temperature Sensor -G371
1893	Belt Height Position Sensor -G372
1894	Lumbar Support Height Adjustment Position Sensor -G373
1895	Motor for Steering Column Adjustment Vertical,-V123
1896	Motor for Steering Column Adjustment Axial,-V124
1897	Steering Column Vertical Adjustment Sensor,-G357
1898	Steering Column Axial Adjustment Sensor,-G358
1899	Voltage Supply Sender for Steering Column Adjustment
1900	Passengers Seat Fore/Aft Adjustment Motor -V31
1901	Lumbar Support Height Adjustment Motor -V229
1902	Lumbar Support Fore/Aft Adjustment Motor -V230
1903	Seat Tilt Adjustment Motor -V231
1904	Passengers Backrest Adjusting Motor -V46
1905	Drivers Backrest Heating Element -Z7
1906	Passengers Backrest Heating Element -Z9
1907	Drivers Seat Side Bolster Heater -Z31
1908	Drivers Seat Backrest Side Bolster Heater -Z32
1909	Passengers Seat Side Bolster Heater -Z33
1910	Passengers Seat Backrest Bolster Heater -Z34
1911	Backrest/Head Adjustment Motor -V232
1912	Passengers Seat Head Restraint Adjustment Motor -V104
1913	Belt Height Adjustment Motor -V233
1914	Passengers Seat Tilt Adjustment Sensor -G359
1915	Lumbar Support Height Adjustment Sensor -G374
1916	Lumbar Support Fore/Aft Adjustment Sensor -G375
1917	Voltage Supply Switch for Rear Seat Adjustment
1918	Left Rear Seat Fore/Aft Switch -E145,Forward
1919	Left Rear Seat Fore/Aft Switch -E145,Backward
1920	Right Rear Seat Fore/Aft Switch -E147,Forward
1921	Right Rear Seat Fore/Aft Switch -E145,Backward
1922	Left Rear Seat Tilt Adjustment Button -E341,Up
1923	Left Rear Seat Tilt Adjustment Button -E341,Down
1924	Right Rear Seat Tilt Adjustment Button -E342,Up
1925	Right Rear Seat Tilt Adjustment Button -E342,Down
1926	Left Rear Seat Headrest Adjustment Switch -E171,Up
1927	Left Rear Seat Headrest Adjustment Switch -E171,Down
1928	Right Rear Seat Headrest Adjustment Switch -E172,Up
1929	Right Rear Seat Headrest Adjustment Switch -E172,Down
1930	Left Rear Seat Lumbar Height Adjustment Button -E343,Up
1931	Left Rear Seat Lumbar Height Adjustment Button -E343,Down
1932	Right Rear Seat Lumbar Height Adjustment Button -E344,Up

COD.	DESCRIÇÃO DA FALHA (CONT.)
1933	Right Rear Seat Lumbar Height Adjustment Button -E344,Down
1934	Left Rear Seat Lumbar Support Fore/Aft Adjustment Button -E345
1935	Right Rear Seat Lumbar Support Fore/Aft Adjustment Button -E346
1936	Rear Seat Memory Button -E347
1937	Left Rear Seat Memory Button Position 1
1938	Right Rear Seat Memory Button Position 1
1939	Activation Blower for Rear Seat Left
1940	Supply Voltage Blower for Rear Seat Left
1941	Activation Blower for Rear Seat Right
1942	Supply Voltage Blower for Rear Seat Right
1943	Left Rear Seat Head Restraint Adjustment Motor -V133
1944	Right Rear Seat Head Restraint Adjustment Motor -V134
1945	Right Rear Seat Head Restraint Adjustment Sensor -G360
1946	Left Rear Seat Lumbar Support Height Adjustment Position Sensor -G361
1947	Right Rear Seat Lumbar Support Height Adjustment Position Sensor -G362
1948	Left Rear Seat Lumbar Support Fore/Aft Adjustment Sensor -G363
1949	Right Rear Seat Lumbar Support Fore/Aft Adjustment Sensor -G364
1950	Left Rear Seat Fore/Aft Adjusting Motor -V87
1951	Right Rear Seat Fore/Aft Adjusting Motor -V88
1952	Left Rear Seat Lumbar Support Fore/Aft Adjustment Motor -V127
1953	Right Rear Seat Lumbar Support Fore/Aft Adjusting Motor -V128
1954	Left Rear Seat Lumbar Support Height Adjusting Motor -V225
1955	Right Rear Seat Lumbar Support Height Adjusting Motor -V226
1956	Left Rear Seat Tilt Adjustment Motor -V226
1957	Right Rear Seat Tilt Adjustment Motor -V228
1958	Left Rear Seat Tilt Adjustment Sensor -G365
1959	Right Rear Seat Tilt Adjustment Sensor -G366
1960	Left Rear Seat Fore/Aft Adjustment Sensor -G367
1961	Right Rear Seat Fore/Aft Adjustment Sensor -G368
1962	Left Rear Seat Lumbar Support Adjustment Sensor -G369
1963	Right Rear Seat Lumbar Support Adjustment Sensor -G370
1964	Memory Seat Control Module
1965	Drivers Seat Height Adjustment Switch -E289,Top
1966	Drivers Seat Height Adjustment Switch -E289,Bottom
1967	Front Passengers Seat Height Adjustment Switch -E290,Top
1968	Front Passengers Seat Height Adjustment Switch -E290,Bottom
1969	Seat Depth Adjustment Button -E350,Forward
1970	Seat Depth Adjustment Button -E350,Backward
1971	Seat Heating/Ventilation Sensor
1972	Voltage Potentiometer Seat Venting/Heating Belt Height Adjustment
1973	Seat Depth Adjustment Sensor -G378
1974	Backrest/Head Adjustment Sensor -G376
1975	Passenger Seat Height Adjustment Motor -V191
1976	Seat Depth Adjustment Motor -V234

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
1977	Rear Vanity Mirror Illumination -L135
1978	Passenger Seat Remote Control Button -E351
1979	Supply Voltage Seat Occupant Sensor Rear
1980	Right Rear Seat Heating/Ventilation Adjuster
1981	Left Rear Seat Heating/Ventilation Adjuster
1982	Left Rear Seat Head Restraint Adjustment Sensor -G381
1983	Convertible Top Hydraulic Pump Relay 2 -J588
1984	Power Convertible Top Valve 2 -N341
1985	Power Convertible Top Valve 3 -N342
1986	Convertible Top Frame Position Sensor -G356
1987	Convertible Top Operation Switch -E137, Opening
1988	Convertible Top Operation Switch -E137, Closing
1989	Hardtop Detector Switch -F255
1990	Compartment Cover Locked Right Switch -F200/-F199
1991	Left Convertible Top Compartment Cover Switch -F290/-F291
1992	Convertible Top Compartment Latch Switch(Unlock) -F293
1993	Convertible Top Compartment Cover Locking Motor -V222
1994	Convertible Top Compartment Enclosure Position Switch -F292
1995	Convertible Top Lock Switch(Closed) -F295
1996	Convertible Top Lock Switch(Open) -F294
1997	Convertible Top Locking Motor -V223
1998	Left Rear Seat Side Bolster Heater -Z48
1999	Right Rear Seat Side Bolster Heater -Z49
2000	Switch Position
2001	Databus Distance Regulation
2002	Distance Regulation Sensor Heater -Z47
2003	Driver Identification Control Module -J589
2004	End Conversation Button(Telematics USA) -E331
2005	Coding PIN
2006	Glovebox Lock Motor -V224
2007	Roof Rack Recognition Switch -F296
2008	Emergency Flasher System On
2009	Telematic Indicator Lamp -K186
2010	Left Entry Assistance Control Module -J572
2011	Right Entry Assistance Control Module -J573
2012	Safety Shut-Off for ABR
2013	Switch for Seat-back Latch, Driver Side -F211
2014	Switch for Seat-back Latch, Passenger Side -F212
2015	Left Rear Belt Switch -E358
2016	Drivers Entry Assist Button -E358, Backward
2017	Passenger Entry Assist Button -E359, Forward
2018	Passenger Entry Assistance Button -E359, Backward
2019	Supply Voltage Control Module for Heated Front Windshield
2020	Voltage Supply Heating Element in Left Rear Footwell

COD.	DESCRIÇÃO DA FALHA (CONT.)
2021	Voltage Supply Heating Element in Right Rear Footwell
2022	Voltage Supply Control Module for Fresh Air Blower
2023	Terminal 87
2024	Performing Adaptation
2025	Supply Voltage for External Components
2026	Supply Voltage 2 for External Components
2027	User 1
2028	User 2
2029	User 3
2030	User 4
2031	Switch for Steering Column Adjustment -E167
2032	Information Service Button
2033	Differential Position Sensor 2
2034	Engine Voltage Supply
2035	Hall Sensor 1
2036	Hall Sensor 2
2037	Differential Sensors
2038	Voltage Supply for Sensors
2039	Differential Position -G398
2040	Differential Motor,B+ Connection
2041	Differential Motor,GND Connection
2042	Activation of Motor for Differential
2043	Engine Differential
2044	Differential Shift Time Too Long
2045	LED for Normal Operation in Control Head for Transfer Case
2046	LED for Rough Terrain Gear Reduction Ratio in Control Head for Transfer Case
2047	LED for Longitudinal Lock Activated in Control Head for Transfer Case
2048	LED for Rear Differential Lock Activated in Control Head for Transfer Case
2049	LED for Front Differential Lock Activated in Control Head for Differential
2050	Differential
2051	Automatic Transmission Incorrect Software Version
2052	Function Deactivation Due to Excess Temperature in Control Module
2053	Differential Control Module J646
2054	Differential Lock Control Module -J647
2055	Motor for Differential Lock,B+ Connection
2056	Motor for Differential Lock,Ground Connection
2057	Brake for Lock Motor,B+ Connection
2058	Brake for Lock Motor,Ground Connection
2059	Motor Temperature Sensor -G407
2060	Supply Voltage for Engine Temperature Sensor
2061	Oil Temperature Sensor
2062	Differential Lock
2063	Drivers Side Rollover Protection Solenoid Deactivated
2064	Passengers Side Rollover Protection Solenoid Deactivated

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
2065	Speech Amplifier Control Module -J656
2066	Optical Databus Damper Too Large
2067	Optical Databus Unauthorized Awakening Request
2068	Optical Databus System Switched Off
2069	Front Parking Aid Sensors
2070	Rear Parking Aid Sensors
2071	Local Databus
2072	Energy Management Control Module -J644
2073	Optical Databus Control Module for System Boot-Up Faulty
2074	Left Rear Information Display Control Head Control Module -J648
2075	Right Rear Information Display Control Head Control Module -J649
2076	Media Player Position 1 -R118
2077	Media Player Position 2 -R119
2078	Media Player Position 3 -R120
2079	Media Player Position 4 -R121
2080	Checking Adjustment
2081	Horizontal Adjustment
2082	Vertical Adjustment
2083	Message for Delay Request
2084	Component Protection
2085	Incorrect Control Module Installed
2086	Left Cornering Lamp -L148
2087	Right Cornering Lamp -L149
2088	Light for Auxiliary High Beams
2089	Function Request Suspension for Switch-Over Relay for Battery
2090	Relay for HCS Or Rain Sensor Supply
2091	Rear Window Washer Pump -V13
2092	Enabling Heated Seat
2093	Emergency Start Signal
2094	Central Interior Light Switch-Off Button -E390
2095	Component Protection Active
2096	Ring Break Diagnostic
2097	Damping Ring Break Diagnostic
2098	Activation for Left Booster Blower
2099	Activation for Right Booster Blower
2100	Footwell Flap Motor -V261
2101	Side Vent Motor -V262
2102	Pinch Protection Sensor -G408
2103	Vehicle Electrical System Control Module 2 -J520
2104	Light Detection Sensor -G399
2105	Voltage Supply for Light Recognition Sensor
2106	Rear Window Shade Motor -V91
2107	Rear Lid Opening Motor -V254
2108	Activation of Fan for Left Front Seat

COD.	DESCRIÇÃO DA FALHA (CONT.)
2109	Activation of Fan for Right Front Seat
2110	Window Regulator Switch
2111	Motor for Window Regulator
2112	Window Regulator Thermo Protection Active
2113	Switch for Interior Lock
2114	Central Locking Key Button -E391
2115	Lock Unit for Central Locking
2116	Mirror Adjusting Motor
2117	Motor for Mirror Fold-in
2118	Potentiometer for Horizontal Mirror Adjustment
2119	Potentiometer for Vertical Mirror Adjustment
2120	Memory Button Position 1 And 2
2121	Memory Button Position 3 And 4
2122	Memory Button
2123	Door Warning Light/entry Light
2124	Exterior Door Handle Switch
2125	Interior Door Handle Switch
2126	Central Locking Button Exterior Door Handle
2127	Exterior Door Handle Light/mirror Light
2128	Door Closing Control Module -J657
2129	Automatic Day/Night Exterior Mirror
2130	Interior Door Lighting
2131	Child Safely Lock Motor
2132	Left Front Make-Up Mirror Light
2133	Right Front Make-Up Mirror Light
2134	Left Rear Make-Up Mirror Light
2135	Right Rear Make-Up Mirror Light
2136	Reading Lights
2137	Battery Switch-Off Relay -J655
2138	Activation for Right Front Interior Lights
2139	Activation for Left Front Interior Lights
2140	Activation for Left Front Make-Up Mirror Light
2141	Activation for Right Front Make-Up Mirror Light
2142	Activation for Left Rear Make-Up Mirror Light
2143	Activation for Right Rear Make-Up Mirror Light
2144	Front Interior Lamp Button -E326,ON
2145	Front Interior Lamp Button -E326,AUTO
2146	Front Interior Lamp Button -E326,OFF
2147	Front Reading Lamp Button -E328,Left
2148	Front Reading Lamp Button -E328,Right
2149	Garage Door Opener Button 1 -E392
2150	Garage Door Opener Button 2 -E393
2151	Garage Door Opener Button 3 -E394
2152	Sunroof Button -E325,Open

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
2153	Sunroof Button -E325,Close
2154	Supply Voltage for Sunroof Button
2155	Left Rear Window Shade Button -E383
2156	Right Rear Window Shade Button -E384
2157	Supply Voltage for Rear View Mirror/light Recognition Sensor
2158	Supply Voltage for Seat Adjustment Sensor
2159	Rear Window Shade Switch -E385
2160	Sunroof Switch Light -L65
2161	Button Light at Rear Roof Module
2162	Rear Interior Light Button Indicator Lamp -K190
2163	Automatic Day/Night Interior Mirror Switch -E386
2164	Automatic Day/Night Interior Mirror Indicator -K187
2165	Front Windshield Temperature Signal
2166	Reference Signal for Front Windshield Temperature Signal
2167	Inclination/Anti-Theft Control Module -J529
2168	Left Front Microphone -R140
2169	Right Front Microphone -R141
2170	Left Center Microphone -R142
2171	Right Center Microphone -R143
2172	Left Rear Microphone -R144
2173	Right Rear Microphone -R145
2174	Analog/Digital Clock
2175	Drivers Seat Lumpbar Support Curvature Adjustment Motor -V125
2176	Passenger Seat Lumbar Support Curvature Adjustment Motor -V126
2177	Drivers Seat Lumbar Support Height Adjustment Motor -V129
2178	Passengers Seat Lumbar Support Height Adjustment Motor -V130
2179	Passengers Seat Fore/Aft Adjusting Motor -V32
2180	Drivers Seat Depth Adjustment Motor -V256
2181	Passengers Seat Depth Adjustment Motor -V257
2182	Drivers Seat Backrest Head Adjustment Motor -V258
2183	Passengers Seat Backrest Head Adjustment Motor -V259
2184	Left/Right Seat Belt Motor -V74-V75
2185	Left/Right Seat Belt Motor -V74-V75
2186	Engine-ADR Interface
2187	Radar Reception Interferred
2188	Lighting
2189	Mirror Function Test
2190	Ambience Lighting
2191	Lower Window Regulator
2192	Raising Window Regulator
2193	Voltage Supply of Regulator for Fresh Air Blower
2194	Voltage Supply for Regulator Air Regulator
2195	Instrument Panel Light Dimmer Switch -E20
2196	Fuse for Control Module for Vehicle Voltage Supply to Vehicle Battery

COD.	DESCRIÇÃO DA FALHA (CONT.)
2197	Footwell Light Regulator -E398
2198	Connection 9(in Seat Wiring Harness Left)
2199	Connection 10(in Seat Wiring Harness Left)
2200	Communication Wire to Taillights
2201	Trunk/Luggage Compartment Closing Assist Position,Unlocked -F332
2202	Trunk/Luggage Compartment Closing Assist Position,Locked -F332
2203	Audio/Video Input 1
2204	Audio/Video Input 2
2205	Motor for Upper Backrest Adjustment Left Rear -V266
2206	Switch for Upper Backrest Adjustment Left Rear -E401,Forward
2207	Switch for Upper Backrest Adjustment Left Rear -E402,Backward
2208	Potentiometer for Upper Backrest Adjustment Left Rear -G413
2209	Motor for Upper Backrest Adjustment Right Rear -V267
2210	Switch for Upper Backrest Adjustment Right Rear -E403,Forward
2211	Switch for Upper Backrest Adjustment Right Rear -E404,Backward
2212	Potentiometer for Upper Backrest Adjustment Left Rear -G414
2213	Function Disabled Due to Brake Temperature
2214	Tire Pressure Warning
2215	Control Circuit Unlocking of Spare Wheel
2216	Switch for Unlocking Spare Wheel -E405
2217	Roll-Over Protection
2218	Satellite Radio -R146
2219	Wake-Up Wire Diagnostic Interface Instruments,Unauthorized Wake-Up
2220	Ambient Illumination,Interior
2221	Indicator Lamp for Child Lock,Left
2222	Indicator Lamp for Child Lock,Right
2223	Indicator Lamp for Interior Monitoring
2224	Indicator Lamp for Inclination Sensor
2225	Indicator Lamp for Central Locking
2226	Engine Control Module(ECM) 2,Immobilizer Data Not Adapted
2227	Engine Control Module(ECM) 3,Immobilizer Data Not Adapted
2228	Engine Control Module(ECM) 4,Immobilizer Data Not Adapted
2229	Transmission Control Module(TCM),Immobilizer Data Not Adapted
2230	Digital Radio(DAB) -R147
2231	Brake Light Request from ABS Control Module
2232	Adjusting to Delivery position
2233	Left Headlight Power Output Stage-j667
2234	Right Headlight Power Output Stage-j668
2235	Stationary Cornering Lamp,Left-M51
2236	Stationary Right Cornering Lamp,Left-M52
2237	Stationary Cornering Lamp
2238	Stepping Motors for Automatic Headlight Range Adjustment
2239	Audio / Video Output 1
2240	Audio / Video Output 2

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
2241	Enging Control Module,Immobilizer Data Not Adapted
2242	Rear lid Lock Button in Luggage Compartment - E406
2243	Control Head for Aux.heater - E407
2244	Button in control head is stuck
2245	Connection,RF remote control
2246	Loudspeaker, center
2247	Subwoofer -R148
2248	Valve for controlling clutch operating angle - N373
2249	Sensor for oil pressure and oil temperature - G347
2250	Function deactivation, valve duty cycle
2251	heater unit locked
2252	Generator
2253	Generator over- Temp shut-off
2254	Interface to Generator
2255	Voltage Measuring Lead from Vat
2256	Quiescent current
2257	Remote control receiver
2258	Door opener transmitter
2259	Information display and control head,front-j685
2260	Display unit,temperature error
2261	Media player,position 1-R118
2262	Display unit,rotary mechanism,in
2263	Display unit,rotary mechanism,out
2264	Servotronic steering,full Assistance
2265	Servotronic steering,no assistance
2266	Control circuit for relay for headlight washer system pump
2267	Control circuit for relay for washer fluid heater
2268	Switch to deploy display unit
2269	No acknowledgement from limit shut-off at display unit retraction
2270	No acknowledgement from limit shut-off at display unit
2271	Motor for display unit deployment& retraction,over-temp protection active
2272	Static (Quiescent) current stage 1
2273	Static (Quiescent) current stage 2
2274	Static (Quiescent) current stage 3
2275	Static (Quiescent) current stage 4
2276	Static (Quiescent) current stage 5
2277	Static (Quiescent) current stage 6
2278	Interior ambient illumination,rear
2279	Automatic day/night interior mirror-Y7,dimming value
2280	Connection to wind deflector or blind motor in sunroof
2281	Motor for wind deflector in sunroof,over-temp protection active
2282	sunroof drive,obstruction detection
2283	video connection to output,end unit
2284	Fuel sensor for aux,heater-G421

COD.	DESCRIÇÃO DA FALHA (CONT.)
2285	Exhaust sensor for aux,heater-G422
2286	Fuel shut-off valve for aux,heater-N375
2287	Fuel supply for aux,heater
2288	Control module for chip card reader-J676
2289	Control module for seat vent,driver-J672
2290	Control module for seat vent,passenger-J673
2291	control module for seat vent,rear,Driver side-J674
2292	control module for seat vent,rear,passenger side-J675
2293	Supply voltage term 30 for control module for seat vent driver-J672
2294	Supply voltage term 30 for control module for seat vent driver-J673
2295	Supply voltage term 30 for control module for seat vent driver-J674
2296	Supply voltage term 30 for control module for seat vent rear passenger side-J675
2297	Supply voltage seat vent,driver
2298	Supply voltage seat vent,passenger
2299	Supply voltage seat vent,rear driver side
2300	Supply voltage seat vent,rear passenger side
2301	Heated seat, rear,drivers side-Z52
2302	Heated seat, rear,drivers side-Z53
2303	Left rear seat side bolster heater-Z54
2304	Side Bolster heater rear passenger-Z55
2305	Temperature Sensor,Rear,driver side-G426
2306	Temperature sensor,rear,passenger side-G427
2307	Control circuit for vent fan,drivers seat
2308	Control circuit for vent fan,passenger seat
2309	Control circuit for vent fan,rear seat,drivers side
2310	Control circuit for vent fan,rear seat,passenger side
2311	Switch for left rear seat lumbar support-E345,forward
2312	Switch for massage,left rear-E409
2313	Switch for massage,right rear-E410
2314	Switch for seatbelt height Adjustment,driver
2315	Switch for seatbelt height Adjustment,passenger
2316	Switch for right rear seat lumbar support-E346,forward
2317	Potentiometer for lumbar height/massage-G423
2318	potentiometer for lumbar height/massage,left rear-G424
2319	potentiometer for lumbar height/massage,right rear-G425
2320	Switch for rear headrest lowering-E411
2321	Switch for rear center headrest lowering-E412
2322	Switch for seat Depth adjustment-E350
2323	Supply voltage for control head
2324	Switch for seat fore/aft adjustment-E418
2325	Switch for front seat height adjustment-E451
2326	Switch for rear seat height adjustment-E452
2327	Position sensor for front seat height adjustment-G438
2328	Position sensor for rear seat height adjustment-G439

COD.	DESCRIÇÃO DA FALHA (CONT.)
2329	Front seat height adjustment motor-V296
2330	Rear seat height adjustment motor-V285
2331	Switch for backrest adjustment-E425
2332	position sensor for backrest adjustment-G483
2333	Backrest adjustment motor-V286
2334	Switch for upper Backrest adjustment-E332
2335	Switch for Lumber support height adjustment-E335
2336	Switch for lumber support fore/aft adjustment-E336
2337	Switch for seatbelt height adjustment-E333
2338	Switch for drivers headrest adjustment-E 155
2339	Headrest adjustment Motor-V287
2340	Seat fore/aft adjustment motor v288
2341	Position sensor for seat fore/aft adjustmen-G441
2342	Quick seat adjustment switch-E445
2343	Backrest locking switch-E 446
2344	Seat position memory store switch-E447
2345	Switch for memory position 1-E218
2346	Switch for memory position 2-E219
2347	Switch for memory position 3-E220
2348	Switch for memory position 4-E282
2349	Switch for parking brake-F321
2350	Sliding door being opened
2351	Sliding door being closed
2352	Closing assistance,close
2353	Closing assistance,open
2354	Step Being Extended
2355	Signal wire to control Module for central comfort system
2356	Data transfer to sliding door
2357	Switch to deactivate extending step-E 444
2358	Switch for operation of sliding door-E 442
2359	Illumination of switch operation of sliding door
2360	Switch for Deactivation of Sliding door-E443
2361	Illumination of switch for deactivation of sliding door
2362	Automatic extending step
2363	Motor for opening sliding door-V293
2364	Closing assistance
2365	Central locking system Motor in Sliding door-V58
2366	Pinch protection
2367	Heater element for auxiliary heating,on
2368	Heater element for auxiliary heating,off
2369	Temperature sensor in control module
2370	Sunroof drive,Not initialized
2371	Current sensor 1A in control module
2372	Current sensor 100A in control module

COD.	DESCRIÇÃO DA FALHA (CONT.)
2373	Current sensor 500A in control module
2374	Generator,specified generator voltage 15.0V
2375	Generator,specified generator voltage 13.5V
2376	Generator,specified generator voltage 0.0V
2377	Wiper,upper reverse point
2378	Wiper,Lower reverse point
2379	Positioning motor for left side vent-V299
2380	Positioning Motor for right side vent-V300
2381	Windshiele wiper motor,overload
2382	Sensor for light detection-G399
2383	Windshield wiper motor Function restricted due to under-Voltage
2384	Windshield wiper motor function restricted due to over-Voltage
2385	Rain/light recognition sensor Function restricted due to under-voltage
2386	Rain/light recognition sensor Function restricted due to over-voltage
2387	Telephone mount-r126
2388	Step being retracted
2389	Release signal transmission,position P/N
2390	Control/regulation for ambience lighting-E400
2391	Terminal 30 reference
2392	Terminal 31 reference
2393	Control circuit for alternator
2394	Parking light left front-M1
2395	Parking light right front-M3
2396	Parking light left rear-M2
2397	Parking light Right rear-M4
2398	Control circuit for rear windshield washer pump
2399	Control circuit for terminal 30 for interior illumination
2400	Control circuit for heater outside mirrors
2401	Terminal 75x
2402	Control circuit for terminal 15 for interior
2403	Terminal 15 for interior
2404	Vehicle exterior illumination
2405	Covers for low beam headlights
2406	Transceiver module 3 for interior monitoring-G444
2407	Transceiver module 4 for interior monitoring-G445
2408	Front differential locking solenoid-N383
2409	Brake for differential locking motor
2410	Differential lock front
2411	Differential lock center
2412	Differential lock rear
2413	Switch for selector lever position P lock-F319
2414	Unlocking unit for rear window
2415	Flash programming incorrect
2416	lights Switched on

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
2417	Lights switched off
2418	LEDs switched on
2419	LEDs switched off
2420	Normalizing operation sunroof
2421	Tire pressure monitoring Transmitter (in Wheelwell),front left-G431
2422	Tire pressure monitoring Transmitter (in Wheelwell),front right-G432
2423	Tire pressure monitoring Transmitter (in Wheelwell),rear left-G433
2424	Tire pressure monitoring Transmitter (in Wheelwell),rear right-G434
2425	Tire pressure monitoring Transmitter (in Wheelwell)
2426	Brake disk left rear, not reached
2427	Brake disk right rear,not reached
2428	Left parking brake motor-V282,clamping force not reached
2429	Right parking brake motor-V283,clamping force not reached
2430	Left parking Brake motor-V282,resistance to movement
2431	Left parking Brake motor-V283,resistance to movement
2432	Supply voltage for left parking brake motor-V282
2433	Supply voltage for right parking brake motor-V283
2434	Supply voltage for control module for left channel
2435	Supply voltage for control module for right channel
2436	Control module for left channel
2437	Control module for right channel
2438	Left parking brake motor hall sensor
2439	Right parking brake motor hall sensor
2440	Function display in instrument cluster(P)
2441	Yellow Malfunction lamp in instrument cluster
2442	Function lamp in control head
2443	Control head
2444	Disk drive load/eject malfunction
2445	Disk drive initialization error
2446	Disk drive mechanical malfunction
2447	Gps receiver
2448	Tuning angle sensor
2449	Terminal 58
2450	Bi-xenon shutter solenoid-f320
2451	Ejector in rear lid lock
2452	Multimedia display unit rear left-y22
2453	Multimedia display unit rear right-y23
2454	Microphone unit (in front roof module)-f164
2455	Adjust reference for radio
2456	Line filling
2457	Loudspeaker in hat shelf -R150
2458	Starter relay 2-J695
2459	Power supply for fan,switch on
2460	Position sensor for left linkage flap position sensor -G442

COD.	DESCRIÇÃO DA FALHA (CONT.)
2461	Position sensor for right linkage flap position sensor -G443
2462	Motor for left linkage flap -V289
2463	Motor for right linkage flap-V290
2464	Switch for left convertible top locking-f323,open
2465	Switch for left convertible top locking-F324,close
2466	Switch for right convertible top locking-F325,open
2467	Switch for right convertible top locking-f326,close
2468	Motor for left convertible top locking-V291
2469	Motor for right convertible top locking-V292
2470	Switch for window up-E338
2471	Switch for window down-E338
2472	Convertible top tonneau cover Switch-F328
2473	Receiver and transmission range with return message
2474	SOS LED Blinking
2475	Service LED Blinking
2476	Telephone charging cradle-R151
2477	Bluetooth antenna-R152
2478	GPS system test
2479	Partial consumer shut-off active
2480	Reading history data
2481	Emergency battery switched off
2482	Wake-up wire for diagnostic interface in instrument cluster
2483	Module for locking of rear lid-f327
2484	Switch for left rear seat lumbar height adjustment-E343
2485	Mini disk player
2486	High beam
2487	Switch for right rear seat lumbar height adjustment-E344
2488	Switch for left rear seat lumbar support fore/aft adjustment -E345
2489	Switch for right rear seat lumbar support fore/aft adjustment-E346
2490	Switch for left rear seat headrest adjustment-E416
2491	Switch for right rear seat headrest adjustment-E417
2492	Switch for left rear seat fore/aft adjustment-E319
2493	Switch for right rear seat fore/aft adjustment-E420
2494	Switch for inclination adjustment-E421
2495	Switch for left rear seat inclination adjustment -E422
2496	Switch for right rear seat inclination adjustment-E423
2497	Switch for seat height adjustment-E424
2498	Left low beam reflector motor-V294
2499	Right low beam reflector motor-V295
2500	Set antenna switch to emergency antenna
2501	Set antenna switch to main antenna
2502	Signal, Telephone on
2503	Output wire to radio
2504	Switch for window shade/sunroog-E437

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
2505	Supply voltage for vent fan for seat cushion and seat back
2506	Supply voltage for vent fan for rear seats
2507	Control Circuit for coolant pump
2508	Temperature sensor for refrigerant-G454
2509	Button on remote controls stuck
2510	Steering column adjustment
2511	Control module for seat occupied recognition-J706
2512	Pressure sensor for seat occupied recognition-G452
2513	Belt force sensor for seat occupied recognition-G453
2514	Trailer hitch retracting
2515	Trailer hitch extending
2516	Illumination of switch for swiveling trailer hitch
2517	Lamp in switch for retracting Swiveling trailer hitch
2518	Lamp in switch for extending swiveling Trailer hitch
2519	Display module for roof-J702
2520	Boost pressure gauge-G30
2521	Illumination for ESP switch -L115
2522	Sunroof being opened
2523	Sunroof being closed
2524	Rear sunroof being opened
2525	Rear sunroof being closed
2526	Sunroof blind being opened
2527	Sunroof blind being closed
2528	Control circuit for boost control bank 1
2529	Control circuit for boost control bank 2
2530	Motor for intake flap/valve bank 1 being closed
2531	Motor for intake flap/valve bank 2 being closed
2532	Control circuit for glow plug bank 1
2533	Control circuit for glow plug bank 2
2534	Control circuit for cooling fan 1
2535	Control circuit for cooling fan 2
2536	Switch-over valve for exhaust gas recirculation cooling-N345
2537	Switch-over volve 2 for exhaust gas recirculation cooling-N381
2538	Function restriction due to overload
2539	Terminal 30 fromcontrol Module
2540	Driver Identification sensor Defective or Dirty-G455
2541	Module for air quality improvement-J707
2542	Relay for seat for/aft adjusting motro
2543	Vacuum sensor for brake booster-GXXX
2544	Potentiometer for left front upper body vent outlet
2545	Potentiometer for right front upper body vent outlet
2546	Steering limit stop
2547	Indicator lamp for gear range in control head for transfer case-K210
2548	Sensor for sway-bar decoupling,front axle

COD.	DESCRIÇÃO DA FALHA (CONT.)
2549	Sensor for sway-bar decoupling, rear axle
2550	Pressure sensor in hydraulic unit for sway-bar decoupling
2551	Switch for sway-bar decoupling
2552	Lamp in switch for sway-bar decoupling
2553	Valve for front axle sway-bar Decoupling in hydraulic unit-Nxxx
2554	Valve for front axle sway-bar Decoupling in hydraulic unit-Nxxx
2555	Pump motor for sway-bar decoupling in hydraulic unit-Nxxx
2556	Supply voltage for pump motor for sway-bar decoupling in hydraulic unit
2557	Installation position of steering angle sensor
2558	Left rear mid-range/woofer loudspeaker-R159
2559	Right rear mid range/woofer loudspeaker-R160
2560	Left front tweeter speaker-R26
2561	Right front tweeter speaker -R27
2562	Trailer, Brake lamps
2563	Trailer, Right tail lamps
2564	Trailer, left tail lamps
2565	Trailer, right turn signals
2566	Trailer, left Turn signals
2567	Trailer, rear fog lamps
2568	Trailer, Back-up Lamps
2569	Control module for massage
2570	Output for interior illumination supply voltage
2571	Input for interior light dimmer
2572	Input for cargo/luggage Compartment dimmer
2573	Control circuit for left Actuator
2574	Control circuit for Display/warning lamp
2575	Control circuit for right actuator
2576	Actuator(s) Being opened
2577	Output for brake control circuit
2578	Initialization of trailer control module
2579	Trailer, left brake lamps
2580	Trailer, right brake lamps
2581	Pump for lumbar massage
2582	Seat height adjustment sensor
2583	Function restriction due to under-temp
2584	Drivers reading light switch-E457
2585	Front passengers reading light switch-E458
2586	left rear reading light switch-E454
2587	Right rear reading light switch-E455
2588	Swiveling trailer hitch
2589	lamp for left auxiliary high beam
2590	Lamp for right auxiliary high beam
2591	Front head switch-F266
2592	Rear crash data stored

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
2593	Rear center belt tensioner stored
2594	Drivers side knee airbag disabled
2595	Passenger side knee airbag disabled
2596	Rear brake pads worn
2597	Left rear upper body vent motor-v315
2598	Right rear upper body vent motor-V316
2599	Left rear temperature flap motor-V313
2600	Right rear temperature flap motor-V314
2601	Drivers side footwell light-W9
2602	Passenger side footwell light-w10
2603	Message 'Vehicle Voltage'from power steering control module
2604	Message 'Low Vehicle Voltage'from power steering control module
2605	Side blind control module
2606	Activation for blower booster
2607	Auxiliary water heater relay
2608	Front axle stabilizer coupling switching Value,in hydraulic unit pulsed
2609	Rear axle stabilizer coupling switching valve,in hydraulic unit pulsed
2610	Front axle stabilizer coupling switching value,in hydraulic unit pulsed
2611	Switching engine on
2612	Audio wire adapter set
2613	Stabilizers control module
2614	Steering box
2615	Locking fuel tank cap
2616	Unlocking fuel tank cap
2617	Satellite antenna
2618	Digital TV-Tuner
2619	Communication wire adapter set
2620	Activation for massage control
2621	Dynamic cornering light;adjusting to outer position
2622	Dynamic cornering light;adjusting to Inner position
2623	Dynamic cornering light;adjusting to Center position
2624	Dependent specified position
2625	Headlight range control,adjusting to Delivery position
2626	Right dynamic cornering light motor
2627	Left dynamic cornering light motor
2628	Right swivel module position sensor
2629	Left swivel module position sensor
2630	Voltage supply of right swivel module position sensor
2631	Voltage supply of left swivel module position sensor
2632	Headlight range control;Adjusting specified position
2633	Antenna for satellite tuner
2634	Field intensity too low
2635	Tuner not enabled/activated
2636	Adjusting the lowest available channel

COD.	DESCRIÇÃO DA FALHA (CONT.)
2637	Function request by brake system
2638	Enabling steering column lock
2639	Keyless access authorization antenna reader
2640	Sensor wheel for transmission output RPM
2641	Electric trailer hitch pivot button
2642	Closing assist motor
2643	Voltage supply pressure sensor
2644	Voltage supply acceleration sensor
2645	Solenoids for level control system
2646	Plausibility level control
2647	Upper backrest adjustment sensor, rear left
2648	Upper backrest adjustment sensor, rear right
2649	Digital radio tuner
2650	Crash signal for CAN
2651	Crash signal at telematic
2652	Information display control head Switching unit
2653	Traffic data antenna
2654	Activation A/C Compressor clutch relay
2655	Measuring in of Microphones
2656	Left headlight power output stage not coded
2657	Right headlight power output stage not coded
2658	Left headlight power output stage incorrectly coded
2659	Right headlight power output stage Incorrectly coded
2660	Radio remote control operation not adapted
2661	Wire for speed signal
2662	Activation for comfort opening, sunroof
2663	Activation for comfort closing, sunroof
2664	Roof beacon light
2665	Roof beacon alarm
2666	Hands free activation
2667	Supply two-way radio 1
2668	Supply two-way radio 2
2669	Strobe lights, rear
2670	Auxiliary turn signal, left
2671	Auxiliary turn signal, right
2672	Weapons box unlocking
2673	Activating tone sequence
2674	Activation for left front window regulator up
2675	Activation for left front window regulator down
2676	Activation for right front window regulator up
2677	Activation for right front window regulator down
2678	Activation for left rear window regulator up
2679	Activation for left rear window regulator down
2680	Activation for right rear window regulator up

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
2681	Activation for right rear window regulator down
2682	Smoke exhaust
2683	Intercom system
2684	Radio remote main activation
2685	Siren
2686	Blue light
2687	Central locking
2688	Seat occupied recognition control module not calibrated
2689	Passive taxi alarm button
2690	Active taxi alarm button
2691	Taxi alarm button off
2692	Button for taxi roof sign
2693	Button for hands free free system
2694	Radio receiver for taxi alarm
2695	Weapons box button
2696	Button for engine after-run
2697	Button for two-way radio supply
2698	Switch for pedalaactivation, Passenger
2699	Warning buzzer switch
2700	Footwell illumination switch
2701	Button for engine start
2702	Open window button, left front
2703	Close window button, left front
2704	Open window button, right front
2705	Close window button, right front
2706	Switch for intercom system, driver
2707	Switch for intercom system, passenger
2708	Blue light button
2709	Switch for special signals
2710	Switch for smoke exhaust
2711	Armoured vehicle unlocking radio receiver
2712	Warning light for roof beacon switch
2713	Roof sign supply 1
2714	Roof sign supply 2
2715	Interior light button indicator lamp
2716	Signal System tone sequence, Activating
2717	Activation for weapons box
2718	Indicator lamp for continued engine operation
2719	Indicator lamp for two-way radio supply button
2720	Indicator lamp for footwell illumination switch
2721	Indicator lamp for warning buzzer switch
2722	Status of door contact switch-driver's side
2723	Activation power supply relay (terminal 50)
2724	Indicator lamp for bus-slave active

COD.	DESCRIÇÃO DA FALHA (CONT.)
2725	Intercom system control lamp
2726	Indicator lamp for doors unlocked
2727	Supply steering wheel remote control
2728	Activation of fuel pump relay
2729	Wire for sunroof enabling signal
2730	Driver's Door control buttons illumination
2731	CD-reading error
2732	Remote control button activation
2733	Control module at Lin-bus
2734	Left tail light lamp 3
2735	Right tail light lamp 3
2736	Left rear parking/foglight
2737	Right rear parking/foglight
2738	Left brake/tail light lamp
2739	Right brake/tail light lamp
2740	Left brake/tail light lamp 2
2741	Right brake/tail light lamp 2
2742	Left brake/turn signal lamp
2743	Right brake/turn signal lamp
2744	Reference voltage rear A/C control head
2745	Left daytime running light(DRL) lamp
2746	Right daytime running light(DRL) lamp
2747	Bixenon switch-off solenoid switch, Right
2748	Bixenon switch-off solenoid switch, left
2749	Telephone control head control module
2750	Display unit button
2751	Control module cornering lamp and headlight beam adjustmen
16344	Unknown
16345	Unknown
16346	Unknown
16347	Unknown
16348	Unknown
16349	Unknown
16350	Unknown
16351	Unknown
16352	Unknown
16353	Unknown
16354	Unknown
16355	Unknown
16356	Unknown
16357	Unknown
16358	Unknown
16359	Unknown
16360	Unknown

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
16361	Unknown
16362	Unknown
16363	Unknown
16364	Unknown
16365	Unknown
16366	Unknown
16367	Unknown
16368	Unknown
16369	Unknown
16384	Unknown
16385	Fuel volume regulator circuit:Open
16386	Fuel volume regulator circuit:Range/Performance
16387	Fuel volume regulator circuit:Low
16388	Fuel volume regulator circuit:High
16389	Fuel shut-off valve a control circuit:Open
16390	Fuel shut-off valve a control circuit:Low
16391	Fuel shut-off valve a control circuit:High
16392	Engine bank 1 position system:Performance
16393	Engine bank 2 position system:Performance
16394	A camshaft position actuator circuit bank 1:Malfunction
16395	A camshaft position (bank 1):Timing over-Advanced or system performance
16396	A camshaft position (bank 1):Timing over-retarded
16397	B camshaft position actuator circuit (bank 1):Malfunction
16398	B camshaft position (bank 1):Timing over-advanced or system performance
16399	B camshaft position (bank 1):Timing over-retarded
16400	Bank 1:CMP sensor-G40/Engine speed sensor -G28:Incorrect allocation
16401	Bank 1:CMP sensor 3-G300/Engine speed sensor -G28:Incorrect allocation
16402	Bank 2:CMP sensor 2-G163/Engine speed sensor -G28:Incorrect allocation
16403	Bank 2:CMP Sensor 4-G301/Engine speed sensor -G28:Incorrect allocation
16404	A camshaft position actuator circuit bank 2:Malfunction
16405	A camshaft position(Bank 2):Timing over-Advanced or system performance
16406	A CAMSHAFT Position(Bank 2):Timing over-Retarded
16407	B camshaft position actuator circuit(Bank2):Malfunction
16408	B camshaft position(Bank 2):Timing over-Advanced or system Performance
16409	B camshaft position(Bank 2):Timing over-Retarded
16410	Intake valve control solenoid circuit:Range/Performance
16411	Exhaust valve control solenoid circuit:Range/performance
16412	Intake valve control solenoid circuit:Range/performance
16413	Exhaust valve control solenoid circuit:range/performance
16414	HO2S heater control circuit(Bank 1 Sensor 1)
16415	HO2S heater control circuit(Bank 1 sensor 1):Low
16416	HO2S heater control circuit(Bank 1 sensor 1):High
16417	Turbo charger by pass valve control circuit
16418	Turbo charger bypass valve control circuit:low

COD.	DESCRIÇÃO DA FALHA (CONT.)
16419	Turbo charger bypass valve control circuit:high
16420	HO2S heater control circuit (Bank 1 sensor 2)
16421	HO2S heater control circuit (Bank 1 sensor 2):low
16422	HO2S heater control circuit (Bank 1 sensor 2):High
16423	Turbo/super charger bypass valve control circuit:Range/Performance
16424	Oxygen sensor signals swapped:B1-S1/B2-S1
16425	Oxygen sensor signals swapped:B1-S1/B2-S2
16426	HO2S Heater control circuit B1 S3:
16427	HO2S Heater control circuit B1 S3:low
16428	HO2S Heater control circuit B1 S3:high
16429	Turbo/Super charger boost control solenoid circuit:open
16430	Turbo/Super charger boost control solenoid circuit:Range/Performance
16431	Turbo/Super charger boost control solenoid circuit:low
16432	Turbo/Super charger boost control solenoid circuit:high
16433	Turbo/Super charger Turbine:overspeed
16434	O2 sensor heater circuit bank 2 sensor 1:Electrical fault
16435	HO2S Heater control circuit bank 2 sensor 1:low
16436	HO2S Heater control circuit bank 2 sensor 1:high
16437	H2OS Heater resistance bank 1 sensor 1
16438	H2OS Heater resistance bank 1 sensor 2
16439	H2OS Heater resistance bank 1 sensor 3
16440	H2OS Heater control circuit bank 2 sensor 2
16441	H2OS Heater control circuit bank 2 sensor 2:low
16442	H2OS Heater control circuit bank 2 sensor 2:high
16443	H2OS Heater resistance bank 2 sensor 1
16444	H2OS Heater resistance bank 2 sensor 2
16445	H2OS Heater resistance bank 2 sensor 3
16446	H2OS Heater control circuit B2 S3
16447	H2OS Heater control circuit B2 S3:Low
16448	H2OS Heater control circuit B2 S3:high
16449	Air assisted injector control-N212:Range/performance
16450	Air assisted injector control-N212:circuit or circuit low
16451	Air assisted injector control-N212:circuit high
16452	MAP/MAF-Throttle position correlation
16453	Intake manifold pressure/Ambient air pressure:Incorrect allocation
16454	Sensor for ambient air temperature sensor circuit-G17:reason
16455	Sensor for ambient air temperature sensor circuit-G17:Range/Performance
16456	Sensor for ambient air temperature sensor circuit-G17:low
16457	Sensor for ambient air temperature sensor circuit-G17:high
16458	Sensor for ambient air temperature sensor circuit-G17:Intermittent
16459	Intake valve control solenoid circuit
16460	Intake valve control solenoid circuit [Bank 1]:low
16461	Intake valve control solenoid circuit [Bank 1]:high
16462	Exhaust valve control solenoid circuit [Bank 1]

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
16463	Exhaust valve control solenoid circuit [Bank 1]:low
16464	Exhaust valve control solenoid circuit [Bank 1]:high
16465	Intake valve control solenoid circuit [Bank 2]
16466	Intake valve control solenoid circuit [Bank 2]:low
16467	Intake valve control solenoid circuit [Bank 2]:high
16468	Exhaust valve control solenoid circuit [Bank 2]
16469	Exhaust valve control solenoid circuit [Bank 2]:low
16470	Exhaust valve control solenoid circuit [Bank 2]:high
16471	Fuel rail/system pressure:too low
16472	Fuel rail/system pressure:too high
16473	Fuel pressure regulator 1:Performance
16474	Fuel pressure regulator 1 control circuit-N290
16475	Fuel pressure regulator 1 control circuit-N290:low
16476	Fuel pressure regulator 1 control circuit-N290:high
16477	Fuel system leak detected:large leak
16478	Fuel system leak detected:small leak
16479	Intake air temperature sensor 2 circuit-G299
16480	Intake air temperature sensor 2 circuit-G299:Range/Performance
16481	Intake air temperature sensor 2 circuit-G299:LOW
16482	Intake air temperature sensor 2 circuit-G299:High
16483	Intake air temperature sensor 2 circuit-G299:Intermittent/erratic
16484	Mass air flow circuit-G70
16485	Mass air flow circuit-G70:range/Performance
16486	Falha Circuito Sensor MAF G70 - Sinal Baixo
16487	Falha Circuito Sensor MAF G70 - Sinal Alto
16488	Mass air flow circuit-G70:No input
16489	Manifold absolute Pressure/Barometric pressure circuit-G71/-F96
16490	Manifold absolute Pressure/Barometric pressure circuit-G71/-F96:range/Performance
16491	Manifold absolute Pressure/Barometric pressure circuit-G71/-F96:low input
16492	Manifold absolute Pressure/Barometric pressure circuit-G71/-F96:High input
16493	Manifold absolute Pressure/Barometric pressure circuit-G71/-F96:intermittent
16494	Intake air temperature sensor 1 circuit-G42
16495	Intake air temperature sensor 1 circuit-G42:range/performance
16496	Falha Sensor Temperatura Ar G42 - Sinal Baixo
16497	Falha Sensor Temperatura Ar G42 - Sinal Alto
16498	Intake air temperature sensor 1 circuit-G42:intermittent
16499	Engine coolant temperature circuit-G62
16500	Falha Sensor Temperatura Agua G62 - Fora da Faixa
16501	Falha Sensor Temperatura Agua G62 - Sinal Baixo
16502	Falha Sensor Temperatura Agua G62 - Sinal Alto
16503	Engine coolant temperature circuit-G62:intermittent
16504	Falha Sensor Posicao Borboleta/ Pedal Acelerador G69
16505	Falha Sensor Posicao Borboleta/ Pedal Acelerador G69 - Fora da Faixa
16506	Falha Sensor Posicao Borboleta/ Pedal Acelerador G69 - Sinal Baixo

COD.	DESCRIÇÃO DA FALHA (CONT.)
16507	Falha Sensor Posicao Borboleta/ Pedal Acelerador G69 - Sinal Alto
16508	Throttle/pedal position sensor/switch a circuit-G69:intermittent
16509	Insufficient coolant temperature for closed loop fuel control
16510	Insufficient coolant temperature for stable operation
16511	Intake air temperature:too high
16512	Coolant thermostat/valve-N214:Temperature below control range
16513	Barometric Pressure:too low
16514	Falha Circuito Sonda Lambda
16515	Falha Sonda Lambda B1S1 - Tensão Baixa
16516	Falha Sonda Lambda B1S1 - Tensão Alta
16517	Falha Sonda Lambda B1S1- Resposta Lenta
16518	Falha Sonda Lambda B1S1- Sem Atividade
16519	Falha no Aquecimento do SO2 B1S1
16520	Falha Sonda Lambda B1S2
16521	Falha Sonda Lambda B1S2 - Tensão Baixa
16522	Falha Sonda Lambda B1S2 - Tensão Alta
16523	O2 sensor circuit,Bank 1-sensor 2:slow response
16524	Falha Sonda Lambda B1S2- Sem Atividade
16525	Falha no Aquecimento do SO2 B1S2
16526	O2 sensor circuit,Bank 1-sensor 3
16527	O2 sensor circuit,Bank 1-sensor 3:low voltage
16528	O2 sensor circuit,Bank 1-sensor 3:high voltage
16529	O2 sensor circuit,Bank 1-sensor 3:slow response
16530	O2 sensor circuit,Bank 1-sensor 3:no activity detected
16531	O2 sensor heater circuit,bank 1-sensor 3
16532	Fuel delivery error
16533	Fuel delivery error:Deviation of injection timing
16534	O2 sensor circuit,bank 2-sensor 1:malfunction
16535	O2 sensor circuit,bank 2-sensor 1:low voltage
16536	O2 sensor circuit,bank 2-sensor 1:high voltage
16537	O2 sensor circuit,bank 2-sensor 1:slow response
16538	O2 sensor circuit,bank 2-sensor 1:no activity detected
16539	O2 sensor heater circuit,bank 2-sensor 1:electrical fault
16540	O2 sensor circuit,bank 2-sensor 2:Malfunction
16541	O2 sensor circuit,bank 2-sensor 2:low voltage
16542	O2 sensor circuit,bank 2-sensor 2:high voltage
16543	O2 sensor circuit,bank 2-sensor 2:slow response
16544	O2 sensor circuit,bank 2-sensor 2:no activity detected
16545	O2 sensor heater circuit,bank 2-sensor 2
16546	O2 sensor circuit,bank 2-sensor 3:Malfunction in circuit
16547	O2 sensor circuit,bank 2-sensor 3:signal too low
16548	O2 sensor circuit,bank 2-sensor 3:signal too high
16549	O2 sensor circuit,bank 2-sensor 3:response too slow
16550	O2 sensor circuit,bank 2-sensor 3:no activity

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
16551	O2 sensor circuit,bank 2-sensor 3:too high
16552	Fuel temperature
16553	Incorrect fuel composition
16554	Ajuste de Combustível B1 (relação lambda)
16555	Relação Lambda Exces. Pobre
16556	Relação Lambda Exces. Rica
16557	fuel trim,bank 2:malfuction
16558	system too lean bank 2
16559	system too rich bank 2
16560	fuel composition sensor circuit
16561	fuel composition sensor circuit:range/performance
16562	fuel composition sensor circuit:low
16563	fuel composition sensor circuit:high
16564	fuel temperature sensor a circuit-G81
16565	fuel temperature sensor a circuit-G81:range/performance
16566	fuel temperature sensor a circuit-G81:low
16567	fuel temperature sensor a circuit-G81:high
16568	fuel temperature sensor a circuit-G81:intermittent
16569	fuel temperature sensor B circuit-G248
16570	fuel temperature sensor B circuit-G248:implausible signal
16571	fuel temperature sensor B circuit-G248:short to ground
16572	fuel temperature sensor B circuit-G248:open or short to plus
16573	fuel temperature sensor B circuit-G248:intermittent
16574	fuel pressure sensor B circuit-G247
16575	fuel rail pressure sensor circuit-G247:range/performance
16576	fuel rail pressure sensor circuit-G247:low
16577	fuel rail pressure sensor circuit-G247:high
16578	fuel rail pressure sensor circuit-G247:intermittent
16579	engine oil temperatruer sensor-G8
16580	engine oil temperatruer sensor-G8:range/performance
16581	engine oil temperatruer sensor-G8:low
16582	engine oil temperatruer sensor-G8:high
16583	engine oil temperatruer sensor-G8:intermittent
16584	Injector circuit:open
16585	Falha no injetor cilindro 1
16586	Falha no injetor cilindro 2
16587	Falha no injetor cilindro 3
16588	Falha no injetor cilindro 4
16589	Falha no injetor cilindro 5
16590	Falha no injetor cilindro 6
16591	Cylinder 7,injector circuit-N85:open
16592	Cylinder 8,injector circuit-N86:open
16593	Cylinder 9,injector circuit-N299:open
16594	Cylinder 10,injector circuit-N300:open

COD.	DESCRIÇÃO DA FALHA (CONT.)
16595	Cylinder 11,injector circuit-N301:open
16596	Cylinder 12,injector circuit -N302:open
16597	cold start injector 1
16598	cold start injector 2
16599	Engine shut-off solenoid-N109
16600	Injector/injection timing control-N108
16601	Engine coolant:over temperature condition
16602	Transmission fluid:over temperature condition
16603	Engine:overspeed condition
16604	Throttle/pedal position sensor/switch-B-circuit
16605	Throttle/pedal position sensor/switch-B-circuit:range/performance
16606	Throttle/pedal position sensor/switch-B-circuit:low
16607	Throttle/pedal position sensor/switch-B-circuit:high
16608	Throttle/pedal position sensor/switch-B-circuit:intermittent
16609	Throttle/pedal position sensor/switch-C-circuit:voltage supply
16610	Throttle/pedal position sensor/switch-C-circuit:range/performance
16611	Throttle/pedal position sensor/switch-C-circuit:low
16612	Throttle/pedal position sensor/switch-C-circuit:high
16613	Throttle/pedal position sensor/switch-C-circuit:intermittent
16614	fuel pump primary circuit relay-j17:fault in electrical circuit
16615	fuel pump secondary circuit:low
16616	fuel pump secondary circuit:high
16617	fuel pump secondary circuit:intermittent
16618	Turbo/super charger:overboost condition
16619	Turbo/super charger boost sensor (A) circuit
16620	Turbo/super charger boost sensor (A) circuit:range/performance
16621	Turbo/super charger boost sensor (A) circuit:low
16622	Turbo/super charger boost sensor (A) circuit:high
16623	Turbo/super charger boost sensor (B) circuit
16624	Turbo/super charger boost sensor (B) circuit:range/performance
16625	Turbo/super charger boost sensor (B) circuit:low
16626	Turbo/super charger boost sensor (B) circuit:high
16627	Turbo/super charger wastegate solenoid (A)
16628	Turbo/super charger wastegate solenoid (A):range/performance
16629	Turbo/super charger wastegate solenoid (A):low/short to Ground
16630	Turbo/super charger wastegate solenoid (A):high/short to B+
16631	Turbo/super charger wastegate solenoid (B)
16632	Turbo/super charger wastegate solenoid (B):Range/performance
16633	Boost pressure control valve 2:open/short to ground
16634	Wastegate bypass regulator valve 2:short to B+
16635	Injection pump fuel metering control (A)(cam/rotor/injector)
16636	Injection pump fuel metering control (A)(cam/rotor/injector):range/performance
16637	Injection pump fuel metering control (A)(cam/rotor/injector):low
16638	Injection pump fuel metering control (A)(cam/rotor/injector):high

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
16639	Injection pump fuel metering control (A)(cam/rotor/injector):intermittent
16640	Injection pump fuel metering control (B)(cam/rotor/injector)
16641	Injection pump fuel metering control (B)(cam/rotor/injector):range/performance
16642	Injection pump fuel metering control (B)(cam/rotor/injector):low
16643	Injection pump fuel metering control (B)(cam/rotor/injector):high
16644	Injection pump fuel metering control (B)(cam/rotor/injector):intermittent
16645	Cylinder 1 injector circuit-N30:low
16646	Cylinder 1 injector circuit-N30:high
16647	Cylinder 1 contribution/Balance
16648	Cylinder 2 injector circuit-N31:low
16649	Cylinder 2 injector circuit-N31:high
16650	Cylinder 2 contribution/Balance
16651	Cylinder 3 injector circuit-N32:low
16652	Cylinder 3 injector circuit-N32:high
16653	Cylinder 3 contribution/Balance
16654	Cylinder 4 injector circuit-N33:low
16655	Cylinder 4 injector circuit-N33:high
16656	Cylinder 4 contribution/Balance
16657	Cylinder 5 injector circuit-N83:low
16658	Cylinder 5 injector circuit-N83:high
16659	Cylinder 5 contribution/balance
16660	Cylinder 6 injector circuit-N84:low
16661	Cylinder 6 injector circuit-N84:high
16662	Cylinder 6 contribution/balance
16663	Cylinder 7 injector circuit-N85:low
16664	Cylinder 7 injector circuit-N85:high
16665	Cylinder 7 contribution/balance
16666	Cylinder 8 injector circuit-N86:low
16667	Cylinder 8 injector circuit-N86:high
16668	Cylinder 8 contribution/balance
16669	Cylinder 9 injector circuit-N299:low
16670	Cylinder 9 injector circuit-N299:high
16671	Cylinder 9 contribution/balance
16672	Cylinder 10 injector circuit-N300:low
16673	Cylinder 10 injector circuit-N300:high
16674	Cylinder 10 contribution/balance
16675	Cylinder 11 injector circuit-N301:low
16676	Cylinder 11 injector circuit-N301:high
16677	Cylinder 11 contribution/balance
16678	Cylinder 12 injector circuit-N302:low
16679	Cylinder 12 injector circuit-N302:high
16680	Cylinder 12 contribution/balance
16681	Vehicle:overspeed condition
16682	Engine oil:over temperature

COD.	DESCRIÇÃO DA FALHA (CONT.)
16683	Turbo/super charger boost sensor (A) circuit:underboost
16684	Falha de Combustão
16685	Falha Combustao Cilindro 1
16686	Falha Combustao Cilindro 2
16687	Falha Combustao Cilindro 3
16688	Falha Combustao Cilindro 4
16689	Cylinder 5:misfire detected
16690	Cylinder 6:misfire detected
16691	Cylinder 7:misfire detected
16692	Cylinder 8:misfire detected
16693	Cylinder 9:misfire detected
16694	Cylinder 10:misfire detected
16695	Cylinder 11:misfire detected
16696	Cylinder 12:misfire detected
16697	Misfire detected:low fuel level
16698	single cylinder misfire(cylinder not specified)
16699	crankshaft position system:variation not learned
16700	Engine misfire detection on startup(first 1000 revolutions)
16701	Rough road:hardware not present
16702	rough-road sensor a signal circuit
16703	rough-road sensor B
16704	ignition/distributor engine speed input circuit-G28
16705	Falha Sensor Rotação G28 - Fora da Faixa
16706	Falha Sensor Rotação G28 - Sem Sinal
16707	ignition/distributor engine speed input circuit-G28:intermittent
16708	Knock control system error
16709	Falha Circ. Sensor Detonação 1 G61
16710	Falha Circ. Sensor Detonação 1 G61 - Fora da Faixa
16711	Falha Circuito Sensor Detonação 1 - Entrada Baixa
16712	Falha Circ. Sensor Detonação 1 G61 - Entrada Alta
16713	Knock sensor 1 circuit bank 1-G61:intermittent
16714	Knock sensor 2 circuit bank 1-G66
16715	Knock sensor 2 circuit bank 1-G66:range/performance
16716	Falha Circuito Sensor Detonação 2 - Entrada Baixa
16717	Knock sensor 2 circuit bank 1-G66:high
16718	Knock sensor 2 circuit bank 1-G66:intermittent
16719	Crankshaft position sensor (A)-G28:Malfunction
16720	Crankshaft position sensor (A)-G28:range/performance
16721	Crankshaft position sensor (A)-G28:low
16722	Crankshaft position sensor (A)-G28:high
16723	Crankshaft position sensor (A)-G28:intermittent
16724	Camshaft position sensor (A) circuit bank 1
16725	Sensor de Posição do Comando de Válvulas G28 - Fora da Faixa
16726	Sensor de Posição do Comando de Válvulas G28 - Entrada Baixa

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
16727	Sensor de Posição do Comando de Válvulas G28 - Entrada Alta
16728	Camshaft position sensor (A) circuit bank 1:intermittent
16729	Camshaft position sensor (A) circuit bank 2
16730	Camshaft position sensor (A) circuit bank 2:range/performance
16731	Camshaft position sensor (A) circuit bank 2:low
16732	Camshaft position sensor (A) circuit bank 2:high
16733	Camshaft position sensor (A) circuit bank 2:intermittent
16734	Ignition coil primary/secondary circuit
16735	Ignition coil (A)primary/secondary circuit:malfunçao
16736	Ignition coil (B)primary/secondary circuit:malfunçao
16737	Ignition coil (C)primary/secondary circuit:malfunçao
16738	Ignition coil (D)primary/secondary circuit:malfunçao
16739	Ignition coil (E)primary/secondary circuit:malfunçao
16740	Ignition coil (F)primary/secondary circuit:malfunçao
16741	Ignition coil (G)primary/secondary circuit:malfunçao
16742	Ignition coil (H)primary/secondary circuit:malfunçao
16743	Ignition coil (I)primary/secondary circuit:malfunçao
16744	Ignition coil (J)primary/secondary circuit:malfunçao
16745	Ignition coil (K)primary/secondary circuit:malfunçao
16746	Ignition coil (L)primary/secondary circuit:malfunçao
16747	Misfire detected-fueling disabled
16748	Reserved
16749	Camshaft position sensor (B)circuit bank 1:malfunçao
16750	Camshaft position sensor (B)circuit bank 1:range/performance
16751	Camshaft position sensor (B)circuit bank 1:low
16752	Camshaft position sensor (B)circuit bank 1:high
16753	Camshaft position sensor (B)circuit bank 1:intermittent
16754	Timing reference high resolution signal a
16755	Timing reference high resolution signal a:too many pulses
16756	Timing reference high resolution signal a:too few pulses
16757	Timing reference high resolution signal a:intermittent/erratic pulses
16758	Timing reference high resolution signal a:no pulse
16759	Timing reference high resolution signal b
16760	Timing reference high resolution signal b:too many pulses
16761	Timing reference high resolution signal b:too few pulses
16762	Timing reference high resolution signal b:intermittent/erratic pulses
16763	Timing reference high resolution signal b:no pulse
16764	Glow plug/heater circuit A-Q6:malfunçao
16765	Glow plug/heater indicator circuit
16766	Glow plug/heater circuit B
16767	reserved
16768	Reserved
16769	Crankshaft position sensor B circuit
16770	Crankshaft position sensor B circuit:range/performance

COD.	DESCRIÇÃO DA FALHA (CONT.)
16771	Crankshaft position sensor B circuit:low
16772	Crankshaft position sensor B circuit:high
16773	Crankshaft position sensor B circuit:intermittent
16774	Crankshaft position sensor (B) circuit bank 2:malfunction
16775	Crankshaft position sensor (B) circuit bank 2:range/performance
16776	Crankshaft position sensor (B) circuit bank 2:low
16777	Crankshaft position sensor (B) circuit bank 2:high
16778	Crankshaft position sensor (B) circuit bank 2:intermittent
16779	undefined
16780	undefined
16781	undefined
16782	undefined
16783	undefined
16784	Exhaust gas recirculation flow:malfunction
16785	Exhaust gas recirculation flow:insufficient detected
16786	Exhaust gas recirculation flow:excessive detected
16787	Exhaust gas recirculation flow:malfunction
16788	Exhaust gas recirculation control circuit:range/performance
16789	Exhaust gas recirculation sensor A circuit:low
16790	Exhaust gas recirculation sensor A circuit:high
16791	Exhaust gas recirculation sensor B circuit:low
16792	Exhaust gas recirculation sensor B circuit:high
16793	Exhaust gas recirculation sensor A circuit
16794	Secondary air injection system:malfunction
16795	Falha Sistema Ar Secundário
16796	Secondary air injection system switching valve a circuit-N112:Malfunction
16797	Secondary air injection system switching valve a circuit-N112:open
16798	Secondary air injection system switching valve a circuit-N112:shorted
16799	Secondary air injection system switching valve b circuit-N320:malfunction
16800	Secondary air injection system switching valve b circuit-N320:Open
16801	Secondary air injection system switching valve b circuit-N320:shorted
16802	Secondary air injection system control valve a circuit:malfunction
16803	Secondary air injection system control valve b circuit:malfunction
16804	Falha no Catalisador - Eficiência Baixa
16805	Warm up catalyst bank 1:efficiency below theshold
16806	Main catalyst,bank 1:efficiency below theshold
16807	Heated catalyst bank 1:efficiency below theshold
16808	Heated catalyst bank 1:temperature below theshold
16809	Catalyst temperature sensor bank 1-G20
16810	Catalyst temperature sensor bank 1-G20:range/performance
16811	Catalyst temperature sensor bank 1-G20:low
16812	Catalyst temperature sensor bank 1-G20:high
16813	Catalyst heater control circuit bank 1
16814	Catalyst system bank 2:efficiency below theshold

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
16815	Warm up catalyst bank 2:efficiency below theshold
16816	Main catalyst,bank 2:efficiency below theshold
16817	Heated catalyst bank 2:efficiency below theshold
16818	Heated catalyst bank 2:temperature below theshold
16819	Catalyst temperature sensor bank 2
16820	Catalyst temperatrue sensor bank 2-G132:range/performance
16821	Catalyst temperatrue sensor bank 2-G132:low
16822	Catalyst temperatrue sensor bank 2-G132:high
16823	Catalyst heater control circuit bank 2
16824	Falha no EVAP
16825	Falha no EVAP - Fluxo de Purga Incorreto
16826	Evaporative emission system:leak detected(small leak)
16827	Evaproative emission system purge control valve circuit
16828	Evaproative emission system purge control valve circuit:open
16829	Evaproative emission system purge control valve circuit:shorted
16830	Evaproative emission system vant control circuit
16831	Evaporative emission system vent control circuit:open
16832	Evaporative emission system vent control circuit:shorted
16833	Evaporative emission system vent valve/solenoid circuit
16834	Evaporative emission system pressure sensor/switch
16835	Evaporative emission system pressure sensor/switch:range/performance
16836	Evaporative emission system pressure sensor/switch:low
16837	Evaporative emission system pressure sensor/switch:high
16838	Evaporative emission system pressure sensor/switch:intermittent
16839	Evaporative emission system:leak detected(large leak)
16840	Evaporative emission system:leak detected(very small)
16841	Evaporative emission system:leak detected(fuel cap loose/off)
16842	Evaporative emission system purge control valve circuit:low
16843	Evaporative emission system purge control valve circuit:high
16844	Fuel level sensor a circuit
16845	Fuel level sensor a circuit:range/performance
16846	Fuel level sensor a circuit:low
16847	Sensor Nível de Combustível - Entrada Alta
16848	Fuel level sensor a circuit:intermittent
16849	Evap purge flow sensor circuit
16850	Evap purge flow sensor circuit:range/performance
16851	Evap purge flow sensor circuit:low
16852	Evap purge flow sensor circuit:high
16853	Evap purge flow sensor circuit:intermittent
16854	Exhaust pressure sensor
16855	Exhaust pressure sensor:range/performance
16856	Exhaust pressure sensor:low
16857	Exhaust pressure sensor:high
16858	Exhaust pressure sensor:intermittent

COD.	DESCRIÇÃO DA FALHA (CONT.)
16859	Exhaust pressure control valve
16860	Exhaust pressure control valve:range/performance
16861	Exhaust pressure control valve:low
16862	Exhaust pressure control valve:high
16863	Exhaust pressure control valve:intermittent
16864	Falha Saida Eletrovent. 1
16865	Falha Saida Eletrovent. 2
16866	Fan 3 control circuit
16867	Fan rationality check
16868	Falha Saida Eletroventil.
16869	Falha Saida Eletroventil.
16870	Exhaust Gas recirculation sensor b circuit
16871	Exhaust gas recirculation throttle position control circuit
16872	Exhaust gas recirculation throttle position control circuit:range/performance
16873	Exhaust gas recirculation control:circuit low
16874	Exhaust gas recirculation control:circuit high
16875	Secondary air injection system bank 1:insufficient flow
16876	Secondary air injection system bank 2:malfunçao
16877	fan:overspeed
16878	fan:speed low
16879	fan:speed high
16880	Evaporative emission system:high purge flow
16881	Evaporative emission system:low purge flow
16882	EVAP canister purge solenoid valve-N115:low input
16883	EVAP canister purge solenoid valve-N115:high input
16884	Vehicle speed sensor A
16885	Falha Sinal de Velocidade - Fora da Faixa
16886	Vehicle speed sensor A circuit:low
16887	Vehicle speed sensor:intermittent/Erratic/high input
16888	Brake switch A/B correlation
16889	Idle air control system:malfunçao
16890	Falha Lim. Inferior Reg. M.L. Ultrapassado
16891	Falha Lim. Superior Reg. M.L. Ultrapassado
16892	Idle air control system circuit:low
16893	Idle air control system circuit:high
16894	Posiçao do Acelerador Eletrônico F60
16895	Idle air control circuit
16896	Starter request circuit
16897	Incorrect immobilizer key
16898	Battery temperature sensor circuit:range/performance
16899	Battery temperature sensor circuit
16900	Battery temperature sensor circuit:low
16901	Battery temperature sensor circuit:high
16902	Idle air control circuit:intermittent

COD.	DESCRIÇÃO DA FALHA (CONT.)
16903	Idle air control circuit:performance
16904	Engine oil pressure sensor/switch circuit
16905	Engine oil pressure sensor/switch:range/performance
16906	Engine oil pressure sensor/switch:low voltage
16907	Engine oil pressure sensor/switch:high voltage
16908	Engine oil pressure:too low
16909	Cruise control servo control circuit:range/performance
16910	Fan speed sensor circuit
16911	Fan speed sensor circuit:range/performance
16912	Fan speed sensor circuit:No signal
16913	Fan speed sensor circuit:intermittent
16914	A/C refrigerant pressure sensor (A) circuit
16915	A/C refrigerant pressure sensor (A) circuit:range/performance
16916	A/C refrigerant pressure sensor (A) circuit:low input
16917	A/C refrigerant pressure sensor (A) circuit:high input
16918	Air conditioner refrigerant:charge loss
16919	A/C evaporator temperature sensor circuit
16920	A/C evaporator temperature sensor circuit:range/performance
16921	A/C evaporator temperature sensor circuit:low
16922	A/C evaporator temperature sensor circuit:high
16923	A/C evaporator temperature sensor circuit:intermittent
16924	Intake air heater a circuit
16925	Intake air heater a circuit:low
16926	Intake air heater a circuit:high
16927	Intake air heater a circuit:open
16928	Sensor 1 for exhaust temperature bank 1 -G235:electrical malfunction
16929	Sensor 1 for exhaust temperature bank 1 -G235:low
16930	Sensor 1 for exhaust temperature bank 1 -G235:high
16931	Sensor 2 for exhaust temperature:electrical malfunction
16932	Sensor 2 for exhaust temperature:short to ground
16933	Sensor 2 for exhaust temperature:short to plus
16934	Power steering pressure sensor/switch:electrical malfunction
16935	Power steering pressure sensor/switch:range/performance
16936	Power steering pressure sensor/switch:low
16937	Power steering pressure sensor/switch:high
16938	Power steering pressure sensor/switch:intermittent
16939	Brake booster pressure sensor circuit
16940	Brake booster pressure sensor circuit:range/performance
16941	Brake booster pressure sensor circuit:low
16942	Brake booster pressure sensor circuit:high
16943	Brake booster pressure sensor circuit:intermittent
16944	System voltage
16945	System voltage:unstable
16946	Tensão de Alimentação - Baixa

COD.	DESCRIÇÃO DA FALHA (CONT.)
16947	Tensao de Alimentação - Alta
16948	Cruise control multi-function input A circuit
16949	Cruise control on signal
16950	Cruise control off signal
16951	Cruise control resume signal
16952	Cruise control set signal:Incorrect signal
16953	Cruise control coast signal
16954	Cruise control accelerate signal
16955	Interruptor "Brake" do Piloto Automático
16956	Brake switch (A) Circuit:low
16957	Brake switch (A) Circuit:high
16958	Cruise control system:vehicle speed too high
16959	Cruise control input circuit
16960	Cruise control input circuit:low
16961	Cruise control input circuit:high
16962	Cruise control multi-function input A circuit:stuck
16963	Cruise control multi-function input A circuit:range/performance
16964	Cruise control multi-function input A circuit:low
16965	Cruise control multi-function input A circuit:high
16966	Cruise control multi-function input A circuit:open
16967	Cruise control vacuum control circuit:low
16968	Cruise control vacuum control circuit:high
16969	Cruise control multi-function input A/B correlation
16970	Cruise control vent control circuit:open
16971	Cruise control vent control circuit:low
16972	Cruise control vent control circuit:high
16973	Cruise control multi-function input B circuit
16974	Cruise control multi-function input B circuit:stuck
16975	Cruise control multi-function input B circuit:range/performance
16976	Cruise control multi-function input B circuit:low
16977	Cruise control multi-function input B circuit:high
16978	Cruise control servo control circuit:open
16979	Cruise control servo control circuit:low
16980	Cruise control servo control circuit:high
16981	Thermostat for mapped engine cooling-F265:open circuit
16982	Thermostat for mapped engine cooling-F265:short to ground
16983	Thermostat for mapped engine cooling-F265:short to B+
16984	Serial communication link(data bus):message missing
16985	Internal control module memory:checksum error
16986	Control module programming:error/malfunction
16987	Internal control module memory:checksum error
16988	Falha Interna ECU
16989	Falha Interna ECU
16990	Internal control module memory:checksum error

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
16991	Internal module performance:checksum error
16992	Voltage supply sensors/actuators
16993	Voltage supply 2 sensors/actuators
16994	Electronic control module:incorrect coding
16995	Electronic control module:performance
16996	Electronic control module:relay control
16997	Processor TCM malfunction
16998	Transmission control module(TCM):incorrect software version
16999	Starter relay activation:open
17000	Activation starter Relay:short to ground
17001	Activation starter Relay:short to B+
17002	Alternative fuel control module:kam error
17003	Alternative fuel control module:ram/rom error
17004	Generator control circuit
17005	Generator lamp/L terminal circuit
17006	Generator field/F terminal circuit
17007	Generator lamp control circuit
17008	Fuel cap lamp control circuit
17009	Generator field/F terminal circuit:low
17010	Generator field/F terminal circuit:high
17011	Fuel pump A control circuit:open
17012	Fuel pump A control circuit:low
17013	Fuel pump A control circuit:high
17014	Ecm/pcm:vin not programed or incompatible
17015	TCM:vin not programed or incompatible
17016	Ecm/pcm:Odometer not programmed
17017	Ecm/pcm:immobilizer key not programmed
17018	Control module:temperatrue cut-out
17019	Power steering control circuit
17020	Power steering control circuit:low
17021	Power steering control circuit:high
17022	Throttle body actuator bank 1-J338:range/performance
17023	Throttle body actuator bank 2-J544:range/performance
17024	Intake air heater control circuit
17025	Sensor reference voltage A circuit:open
17026	Sensor reference voltage A circuit:low
17027	Sensor reference voltage A circuit:high
17028	Driver display serial communication circuit
17029	A/C clutch relay control circuit
17030	A/C clutch relay control circuit:low
17031	A/C clutch relay control circuit:high
17032	Immobilizer lamp control circuit
17033	speed control lamp control circuit
17034	Malfunction indicator lamp(Mil)control circuit-K83:electrical fauit in circuit

COD.	DESCRIÇÃO DA FALHA (CONT.)
17035	Sensor reference voltage B circuit:open circuit
17036	Sensor reference voltage B circuit:low
17037	Sensor reference voltage B circuit:high
17038	Engine rpm output circuit
17039	Engine hot lamp circuit:malfunction
17040	Fuel level output circuit:electrical fault in circuit
17041	Actuator supply voltage A:open
17042	Actuator supply voltage A:low
17043	Actuator supply voltage A:high
17044	Intake manifold tuning valve control circuit:open
17045	Intake manifold tuning valve control circuit:low
17046	Intake manifold tuning valve control circuit:high
17047	Intake manifold tuning valve control circuit bank 2:open
17048	Intake manifold tuning valve control circuit bank 2:low
17049	Intake manifold tuning valve control circuit bank 2:high
17050	PCM/ECM/TCM internal temper ature sensor circuit
17051	Internal temper ature sensor:implausible signal
17052	Internal temper ature sensor:voltage too low
17053	Internal temper ature sensor:voltage too high
17054	Glow plug module 1,control circuit:electrical malfunction
17055	Cylinder 1 glow plug circuit-Q10:electrical fault
17056	Cylinder 2 glow plug circuit-Q11:electrical fault
17057	Cylinder 3 glow plug circuit-Q12:electrical fault
17058	Cylinder 4 glow plug circuit-Q13:electrical fault
17059	Cylinder 5 glow plug circuit-Q14:electrical fault
17060	Cylinder 6 glow plug circuit-Q15:electrical fault
17061	Cylinder 7 glow plug circuit-Q16:electrical fault
17062	Cylinder 8 glow plug circuit-Q17:electrical fault
17063	Cylinder 9 glow plug circuit-Q18:electrical fault
17064	Cylinder 10 glow plug circuit-Q19:electrical fault
17065	Cylinder 11 glow plug circuit-Q20:electrical fault
17066	Cylinder 12 glow plug circuit-Q21:electrical fault
17067	Glow plug control module to PCM communication circuit
17068	Glow plug control module to PCM circuit-J271:range/performance
17069	ECM/PCM power relay control circuit=>-J271:open
17070	ECM/PCM power relay control circuit=>-J271:low
17071	ECM/PCM power relay control circuit=>-J271:high
17072	ECM/PCM power relay sense circuit=>-J271:open
17073	ECM/PCM power relay sense circuit=>-J271:low
17074	ECM/PCM power relay sense circuit=>-J271:high
17075	Fan 1 control circuit:low
17076	Fan 1 control circuit:high
17077	Fan 2 control circuit:low
17078	Fan 2 control circuit:high

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
17079	Fan 3 control circuit:low
17080	Fan 3 control circuit:high
17081	Sensor reference voltage c:open
17082	Sensor reference voltage c:low
17083	Sensor reference voltage c:high
17084	Internal control module memory:checksum error
17085	Internal control module memory:checksum error
17086	Internal control module memory:checksum error
17087	Brake switch B circuit:malfunxion
17088	Falha Sensor Pedal da Embreagem
17089	Transmission range sensor circuit(PRNDL input):malfunxion
17090	Transmission range sensor circuit=>-F 125:range/performance
17091	Transmission range sensor circuit:low input
17092	Transmission range sensor circuit:high input
17093	Transmission range sensor circuit:intermittent
17094	Transmission fluid temperature sensor a circuit-G93:malfunxion
17095	Transmission fluid temperature sensor a circuit-G93:range/performance
17096	Transmission fluid temperature sensor a circuit-G93:low input
17097	Transmission fluid temperature sensor a circuit-G93:high input
17098	Transmission fluid temperature sensor a circuit-G93:intermittent
17099	Input turbine/speed sensor A circuit-G182:malfunxion
17100	Input turbine/speed sensor A circuit-G182:range/performance
17101	Input turbine/speed sensor A circuit-G182:no signal
17102	Input turbine/speed sensor A circuit-G182:intermittent
17103	Brake switch B circuit:low
17104	Output speed sensor circuit-G195:malfunxion
17105	Output speed sensor circuit-G195:range/performance
17106	Output speed sensor circuit-G195:no signal
17107	Output speed sensor circuit-G195:intermittent
17108	Brake switch B circuit:high
17109	Engine speed input circuit:malfunxion
17110	Engine speed input circuit:range/performance
17111	Engine speed input circuit:no signal
17112	Engine speed input circuit:intermittent
17113	Gear 6:incorrect ratio
17114	Gear:incorrect ratio
17115	Gear 1:incorrect ratio
17116	Gear 2:incorrect ratio
17117	Gear 3:incorrect ratio
17118	Gear 4:incorrect ratio
17119	Gear 5:incorrect ratio
17120	Reverse gear:incorrect ratio
17121	TCM engine speed output circuit
17122	TCM engine speed output circuit:low

COD.	DESCRIÇÃO DA FALHA (CONT.)
17123	TCM engine speed output circuit:high
17124	TCM engine speed output circuit:malfunção
17125	Torque converter clutch circuit:performance or stuck off
17126	Torque converter clutch circuit:stuck on
17127	Torque converter clutch circuit:electrical
17128	Torque converter clutch circuit:intermittent
17129	pressure control solenoid A
17130	Pressure control solenoid A:performance or stuck off
17131	Pressure control solenoid 1:short to B+
17132	Pressure control solenoid A:electrical
17133	Pressure control solenoid 1:open circuit
17134	Shift solenoid A-N88:malfunção
17135	Shift solenoid A-N88:performance or stuck off
17136	Shift solenoid A-N88:stuck on
17137	Shift solenoid A-N88:electrical
17138	Shift solenoid A:intermittent
17139	Shift solenoid B
17140	Shift solenoid A-N89:performance or stuck off
17141	Shift solenoid A-N89:stuck on
17142	Shift solenoid A-N89:electrical
17143	Shift solenoid B:intermittent
17144	Shift solenoid C
17145	Shift solenoid C-N90:performance or stuck off
17146	Shift solenoid C-N90:stuck on
17147	Shift solenoid C-N90:electrical
17148	Shift solenoid C:intermittent
17149	Shift solenoid D
17150	Shift solenoid D-N91:open or short to ground
17151	Shift solenoid D:short to plus
17152	Shift solenoid D-N91:electrical
17153	Shift solenoid D:intermittent
17154	Shift solenoid E
17155	Shift solenoid E-N92:open or short to ground
17156	Shift solenoid E:stuck on
17157	Shift solenoid E-N92:electrical
17158	Shift solenoid E:intermittent
17159	Pressure control solenoid B
17160	Pressure control solenoid B:performance or stuck off
17161	Pressure control solenoid 2:short to B+
17162	Pressure control solenoid B:electrical malfunção
17163	Pressure control solenoid 2:open circuit
17164	Shift monitoring
17165	1-2 Shift
17166	2-3 Shift

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
17167	3-4 Shift
17168	4-5 Shift
17169	Shift/Timing solenoid
17170	Shift/Timing solenoid:range/performance
17171	Shift/Timing solenoid:low
17172	Shift/Timing solenoid:high
17173	Shift/Timing solenoid:intermittent
17174	Normal/performance switch circuit-E122:malfunction
17175	Intermediate shaft speed sensor A circuit
17176	Intermediate shaft speed sensor A circuit:range/performance
17177	Intermediate shaft speed sensor A circuit:no signal
17178	Intermediate shaft speed sensor A circuit:intermittent
17179	Pressure control solenoid C
17180	Pressure control solenoid C:performance or stuck off
17181	Pressure control solenoid 3:short to B+
17182	Pressure control solenoid c:electrical malfunction
17183	Pressure control solenoid 3:open circuit
17184	Transfer case control system:mil request
17185	Reverse inhibit control circuit
17186	Transmission control system mil request circuit:open
17187	1-4 Upshift (skip shift)Solenoid control circuit
17188	1-4 Upshift (skip shift)lamp control circuit
17189	Clutch position sensor circuit
17190	Clutch position sensor circuit:range/performance
17191	Clutch position sensor circuit:low
17192	Clutch position sensor circuit:high
17193	Clutch position sensor circuit:intermittent
17194	Clutch position control Error
17195	Excessive clutch slippage
17196	Reverse input circuit
17197	Reverse output circuit
17198	Transmission range display circuit
17199	Upshift switch circuit -F189:electrical malfunction in circuit
17200	Downshift switch circuit-F189:electrical malfunction in circuit
17201	Starter Disable circuit
17202	Driveline disconnect switch input circuit
17203	Up and down shift switch to transmission range correlation
17204	Message form selector level emergency operation
17205	Gear lever x position circuit
17206	Gear lever Y position circuit
17207	Gear lever X position circuit:intermittent
17208	Gear lever Y position circuit:intermittent
17209	Gear lever push-pull switch (Shift anticipate)
17210	Up and down shift switch circuit

COD.	DESCRIÇÃO DA FALHA (CONT.)
17211	Up and down shift switch circuit:low
17212	Up and down shift switch circuit:high
17213	5-6 shift
17214	Clutch pedal switch A circuit
17215	Clutch pedal switch A circuit:low
17216	Clutch pedal switch A circuit:high
17217	Clutch pedal switch B circuit
17218	Clutch pedal switch B circuit:low
17219	Clutch pedal switch B circuit:high
17220	Four wheel drive(4WD) switch circuit
17221	Four wheel drive(4WD) switch circuit:range/performance
17222	Four wheel drive(4WD) switch circuit:low
17223	Four wheel drive(4WD) switch circuit:high
17224	Transmission fluid pressure sensor/switch A:electrical
17225	Transmission fluid pressure sensor/switch A:range/performance
17226	Sensor 1 for hydraulic pressure in transmission:short to ground
17227	Transmission fluid pressure sensor/switch A:circuit high
17228	Transmission fluid pressure sensor/switch A:intermittent
17229	Transmission fluid pressure sensor/switch B:electrical malfunction
17230	Transmission fluid pressure sensor/switch B:range/performance
17231	Sensor 2 for hydraulic pressure in transmission:short to ground
17232	Transmission fluid pressure sensor/switch B:circuit high
17233	Transmission fluid pressure sensor/switch B:intermittent
17234	Park/neutral switch input circuit
17235	Park/neutral switch input circuit
17236	Signal for starter lock (P/N):short to B+
17237	Drive switch input circuit
17238	Drive switch input circuit:low
17239	Drive switch input circuit:high
17240	Traction control input signal
17241	Traction control input signal:range/performance
17242	Traction control input signal:low
17243	Traction control input signal:high
17244	Gear shift module communication circuit
17245	Gear shift module communication circuit:low
17246	Gear shift module communication circuit:high
17247	TCM communication circuit
17248	Communication to transmission control module:range/performance
17249	TCM communication circuit:low
17250	TCM communication circuit:high
17251	Transmission fluid pressure
17252	Transmission fluid pressure:adaptation at limit
17253	Transmission fluid pressure:high
17254	Transmission fluid pressure sensor/switch C circuit

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
17255	Transmission fluid pressure sensor/switch C circuit:range/performance
17256	Transmission fluid pressure sensor/switch C circuit:low
17257	Transmission fluid pressure sensor/switch C circuit:high
17258	Transmission fluid pressure sensor/switch C circuit:intermittent
17259	Transmission fluid pressure sensor/switch D circuit
17260	Transmission fluid pressure sensor/switch D circuit:range/performance
17261	Transmission fluid pressure sensor/switch D circuit:low
17262	Transmission fluid pressure sensor/switch D circuit:high
17263	Transmission fluid pressure sensor/switch D circuit:intermittent
17264	TCM power input signal
17265	TCM power input signal:range/performance
17266	TCM power input signal:low
17267	TCM power input signal:high
17268	TCM power input signal:intermittent
17269	TCM power relay control circuit:open
17270	TCM power relay control circuit:low
17271	TCM power relay control circuit:high
17272	TCM power relay sense circuit
17273	TCM power relay sense circuit:range/performance
17274	TCM power relay sense circuit:low
17275	TCM power relay sense circuit:high
17276	TCM power relay sense circuit:intermittent
17277	Multiple Gears engaged
17278	Transmission component slipping
17279	Shift time:too short
17280	Shift time:too long
17281	Transmission oil:deteriorating condition
17282	Transmission control system mil request circuit:low
17283	Transmission control system mil request circuit:high
17284	Clutch actuator circuit:open
17285	Clutch actuator circuit:range/performance
17286	Clutch actuator circuit:low
17287	Clutch actuator circuit:high
17288	Gate select position circuit-F189:electrical fault
17289	Gate select position circuit-F189:range/performance
17290	Gate select position circuit-F189:low
17291	Gate select position circuit:high
17292	Gate select position circuit:intermittent
17293	Gate select control Error
17294	Gate select Actuator circuit:open
17295	Gate select Actuator circuit:range/performance
17296	Gate select Actuator circuit:low
17297	Gate select Actuator circuit:high
17298	Gear selector lever:electrical malfunction

COD.	DESCRIÇÃO DA FALHA (CONT.)
17299	Gear shift position circuit:range/performance
17300	Gear shift position circuit:low
17301	Gear shift position circuit:high
17302	Gear shift position circuit:intermittent
17303	Gear selector lever:malfunction
17304	Gear shift forward actuator circuit:open
17305	Gear shift forward actuator circuit:range/performance
17306	Gear shift forward actuator circuit:low
17307	Gear shift forward actuator circuit:high
17308	Gear shift reverse actuator circuit:open
17309	Gear shift reverse actuator circuit:range/performance
17310	Gear shift reverse actuator circuit:low
17311	Gear shift reverse actuator circuit:high
17312	Gear shift lock solenoid control circuit:open
17313	Gear shift lock solenoid control circuit:range/performance
17314	Gear shift lock solenoid control circuit:low
17315	Gear shift lock solenoid control circuit:high
17316	Hydraulic pressure sensor circuit
17317	Hydraulic pressure sensor circuit:range/performance
17318	Hydraulic pressure sensor circuit:low
17319	Hydraulic pressure sensor circuit:high
17320	Hydraulic pressure sensor circuit:intermittent
17321	Hydraulic oil temperature sensor circuit
17322	Hydraulic oil temperature sensor circuit:range/performance
17323	Hydraulic oil temperature sensor circuit:low
17324	Hydraulic oil temperature sensor circuit:high
17325	Hydraulic oil temperature sensor circuit:intermittent
17326	Hydraulic pressure unit
17327	Hydraulic pressure unit:cycling pweriod too short
17328	Hydraulic pressure unit:loss of pressure
17329	Hydraulic pump relay circuit:open
17330	Hydraulic pump relay circuit:range/performance
17331	Hydraulic pump relay circuit:low
17332	Hydraulic pump relay circuit:high
17333	Auto shift Manual adaptive learning:not complete
17334	Auto shift manual control circuit
17335	Auto shift manual control circuit:range/performance
17336	Auto shift manual control circuit:low
17337	Auto shift manual control circuit:high
17338	Auto shift manual control circuit:intermittent
17339	Auto shift manual mode circuit
17340	Auto shift manual mode circuit:range/performance
17341	Auto shift manual mode circuit:low
17342	Auto shift manual mode circuit:high

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
17343	Auto shift manual mode circuit:intermittent
17344	Pressure control solenoid A control circuit:open
17345	Pressure control solenoid A control circuit:range/performance
17346	Pressure control solenoid A control circuit:low
17347	Pressure control solenoid A control circuit:high
17348	Pressure control solenoid A control circuit:open
17349	Pressure control solenoid B control circuit:range/performance
17350	Pressure control solenoid B control circuit:low
17351	Pressure control solenoid B control circuit:high
17352	Pressure control solenoid C control circuit:open
17353	Pressure control solenoid C control circuit:range/performance
17354	Pressure control solenoid C control circuit:low
17355	Pressure control solenoid C control circuit:high
17356	Shift solenoid A control circuit:range/performance
17357	Shift solenoid A control circuit:low
17358	Shift solenoid A control circuit:high
17359	Shift solenoid B control circuit:range/performance
17360	Shift solenoid B control circuit:low
17361	Shift solenoid B control circuit:hgih
17362	Shift solenoid C control circuit:range/performance
17363	Shift solenoid C control circuit:low
17364	Shift solenoid C control circuit:hgih
17365	Shift solenoid D control circuit:range/performance
17366	Shift solenoid D control circuit:low
17367	Shift solenoid D control circuit:hgih
17368	Shift solenoid E control circuit:range/performance
17369	Shift solenoid E control circuit:low
17370	Shift solenoid E control circuit:hgih
17371	Transmission fluid pressure sensor/switch E circuit
17372	Transmission fluid pressure sensor/switch E circuit:range/performance
17373	Transmission fluid pressure sensor/switch E circuit:low
17374	Transmission fluid pressure sensor/switch E circuit:high
17375	Transmission fluid pressure sensor/switch E circuit:intermittent
17376	Transmission fluid pressure sensor/switch F circuit
17377	Transmission fluid pressure sensor/switch F circuit:range/performance
17378	Transmission fluid pressure sensor/switch F circuit:low
17379	Transmission fluid pressure sensor/switch F circuit:high
17380	Transmission fluid pressure sensor/switch F circuit:intermittent
17381	Shift solenoid F control circuit:range/performance
17382	Shift solenoid F control circuit:low
17383	Shift solenoid F control circuit:high
17384	Unknown:reason
17408	Fuel injector circuit/open #9-N299
17409	Fuel injector circuit/open #10-N300

COD.	DESCRIÇÃO DA FALHA (CONT.)
17410	Fuel injector circuit/open #11-N301
17411	Fuel injector circuit/open #12-N302
17412	Torque Difference cylinder 1:limiting value exceeded
17413	Torque Difference cylinder 2:limiting value exceeded
17414	Torque Difference cylinder 3:limiting value exceeded
17415	Torque Difference cylinder 4:limiting value exceeded
17416	Mass air flow (MAF) sensor 1/2:implausible signal
17417	Mass air flow (MAF) sensor 1/2:implausible signal from load detection
17418	Fuel injector cylinder #9-N299:open circuit
17419	Fuel injector cylinder #10-N300:open circuit
17420	Fuel injector cylinder #11-N301:open circuit
17421	Fuel injector cylinder #12-N302:open circuit
17422	Bypass Flap filter valve-N275:short circuit to B+
17423	Bypass Flap filter valve-N275:short circuit to ground
17424	Bypass Flap filter valve-N275:open circuit
17425	Intake manifold runner bank 2:upper limit not reached
17426	Intake manifold runner bank 2:lower limit not reached
17427	Sensor for NOx-G295:signal too low
17428	Fuel pressure regulation:control range exceeded
17429	'A' camshaft position bank 1:timing over advance or system performance
17430	'A' camshaft position bank 1:timing over retarded
17431	Fuel pressure regulator valve-N276:short to ground
17432	Fuel pressure regulator valve-N276:open circuit
17433	Fuel pressure regulator valve-N276:mechanical malfunction
17434	Activation intake manifold flap for air stream regulation:short to B+
17435	Activation intake manifold flap for air stream regulation:short to ground
17436	Activation intake manifold flap for air stream regulation:open circuit
17437	Intake manifold runner control (IMRC)valve-N316:upper impact not reached
17438	Intake manifold runner control (IMRC)valve-N316:lower impact not reached
17439	Intake manifold runner control (IMRC)valve-N316:specified value not reached
17440	Sensor for NOx-G295:signal too large
17441	Sensor for NOx-G295:signal too small
17442	Sensor for NOx-G295:signal outside specification
17443	Sensor for NOx-G295:implausible signal
17444	Heater Activation sensor for NOx:short to B+
17445	Heater Activation sensor for NOx:short to ground
17446	Heater Activation sensor for NOx:open
17447	Supply fuel injector(s)A:shorted
17448	Supply fuel injector(s)A:electrical malfunction in circuit
17449	Supply fuel injector(s)B:short circuit
17450	Supply fuel injector(s)B:electrical malfunction in circuit
17451	Fuel injector voltage supply C:short circuit
17452	Fuel injector voltage supply C:electrical malfunction in circuit
17453	Fuel injector voltage supply D:short circuit

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
17454	Fuel injector voltage supply D:electrical malfunction in circuit
17455	Bank 1 camshaft Adjustment valve 1(Exhaust) -N318:electrical malfunction in circuit
17456	Bank 1 camshaft Adjustment valve 1(Exhaust) -N318:short to B+
17457	Bank 1 camshaft Adjustment valve 1(Exhaust) -N318:short to ground
17458	Bank 1 camshaft Adjustment valve 1(Exhaust) -N318:open circuit
17459	Bank 2 camshaft Adjustment valve 1(Exhaust) -N319:electrical malfunction in circuit
17460	Bank 2 camshaft Adjustment valve 1(Exhaust) -N319:short to B+
17461	Bank 2 camshaft Adjustment valve 1(Exhaust) -N319:short to ground
17462	Bank 2 camshaft Adjustment valve 1(Exhaust) -N319:open circuit
17463	Bank 1 camshaft adjustment exhaust:short to B+
17464	Bank 1 camshaft adjustment exhaust:short to ground
17465	Bank 1 camshaft adjustment exhaust:open circuit
17466	Bank 2 camshaft adjustment exhaust:short to B+
17467	Bank 2 camshaft adjustment exhaust:short circuit to ground
17468	Bank 2 camshaft adjustment exhaust:open circuit
17469	'A'camshaft position Bank 2:timing over advanced or system performance
17470	'A'camshaft position Bank 2:timing over retarded
17471	Fuel pressure regulation:control range too low
17472	Fuel pressure system:mechanical malfunction
17473	Fuel pressure regulation:regulation difference
17474	Intake switch-Over valve-N335:short to B+
17475	Intake air switch-Over valve-N335:short to ground
17476	Intake air switch-Over valve-N335:open circuit
17477	NOx sensor-G295 heating control signal:short to ground
17478	NOx sensor-G295 heating control signal:short to B+
17479	NOx sensor-G295 heating control signal:implausible signal
17480	NOx sensor-G295 heating control signal:electrical malfunction in circuit
17481	Mass air flow (MAF) sensor 2-G246:signal too small
17482	Mass air flow (MAF) sensor 2-G246:signal too large
17483	Oxygen sensor control,Emissions Bank 3:system too lean
17484	Oxygen sensor control,Emissions Bank 3:system too rich
17485	Oxygen sensor control,Emissions Bank 4:system too lean
17486	Oxygen sensor control,Emissions Bank 4:system too rich
17487	Oxygen sensor control,Emissions Bank 1:implausible control value
17488	Oxygen sensor control,Emissions Bank 4:implausible control value
17489	Exhaust Bank 3 Mixture adaptation Range 1:lower lean limit not reached
17490	Exhaust Bank 3 Mixture adaptation Range 2:lower lean limit not reached
17491	Exhaust Bank 3 Mixture adaptation Range 1:rich limit exceeded
17492	Exhaust Bank 3 Mixture adaptation Range 2:rich limit exceeded
17493	Exhaust Bank 4 Mixture adaptation range 1:lower lean limit not reached
17494	Exhaust Bank 4 Mixture adaptation range 2:lower lean limit not reached
17495	Exhaust Bank 4 Mixture adaptation range 1:rich limit exceeded
17496	Exhaust Bank 4 Mixture adaptation range 2:rich limit exceeded
17497	Bank 2 mixture adaption range 1:lower lean limit not reached

COD.	DESCRIÇÃO DA FALHA (CONT.)
17498	Bank 2 mixture adaption range 2:lower lean limit not reached
17499	Bank 2 mixture adaption range 1:rich limit exceeded
17500	Bank 2 mixture adaption range 1:rich limit exceeded
17501	Bank 1 Fuel measuring system 2:malfunçao
17502	Bank 2 Fuel measuring system 2:malfunçao
17503	Intake manifold tuning (IMT)valve position sensor-G336:short to B+
17504	Intake manifold tuning (IMT)valve position sensor-G336:short to Ground
17505	Intake manifold tuning (IMT)valve position sensor-G336:open circuit
17506	Intake manifold tuning (IMT)valve position sensor-G336:open or short to B+
17507	Intake manifold runner control (IMRC):electrical malfunction
17508	Bank 1 sensor 2 heating circuit:performance too low
17509	Bank 1 probe 1:voltage too low/air leak
17510	Falha Circ. Aquec. Sonda Lambda B1S1 - Curto ao Positivo
17511	Bank 1 probe 1 heating circuit:output too low
17512	Bank 1 probe 2:voltage too low/air leak
17513	Falha Circ. Aquec. Sonda Lambda B1S2 - Curto ao Positivo
17514	Bank 2 probe 1:voltage too low/air leak
17515	HO2S heater control circuit Bank 2 sensor 1:high
17516	Bank 2 probe 1 heating circuit:output too low
17517	Bank 2 probe 2:voltage too low/air leak
17518	HO2S heater control circuit Bank 2 sensor 2:high
17519	Oxygen sensor control Bank 1:system too lean
17520	Oxygen sensor control Bank 1:system too rich
17521	Bank 1-sensor 1:internal resistance too large
17522	Bank 1-sensor 2:internal resistance too large
17523	Falha Circ. Aquec. Sonda Lambda B1S1 - Curto a Massa
17524	Falha Circ. Aquec. Sonda Lambda B1S1
17525	HO2S heater circuit,Bank 1-sensor 2:low
17526	HO2S heater circuit,Bank 1-sensor 2
17527	HO2S heater circuit,Bank 2-sensor 1:low
17528	Bank 2 probe 1 heating circuit:open circuit
17529	HO2S heater circuit,bank 2-sensor 2:low
17530	Bank 2 probe 2 heating circuit:open circuit
17531	Bank 1 mixture adaptation air (add):system too rich
17532	Bank 1 mixture adaptation air (add):system too lean
17533	Bank 2 mixture adaptation air (add):system too rich
17534	Bank 2 mixture adaptation air (add):system too lean
17535	Falha Adaptacao Mistura (muito rico)
17536	Falha Adaptacao Mistura (muito pobre)
17537	Bank 2 mixture adaptation (mult):system too rich
17538	Bank 2 mixture adaptation (mult):system too lean
17539	Bank 2-sensor 1:internal resistance too large
17540	Bank 1+2 sensor 1 heating circuit:short to B+
17541	Bank 1+2 sensor 1 heating circuit:electrical fault

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
17542	Bank 1+2 sensor 1 heating circuit:short to B+
17543	Bank 1+2 sensor 2 heating circuit:electrical fault
17544	AutoAdaptacao Mistura - Inferior ao Limite de Empobrecimento
17545	Bank 1 Mixture adaptation (add):system too rich
17546	Bank 2 mixture adaptation (add):system too rich
17547	Bank 2 mixture adaptation (add):system too rich
17548	Bank 2-sensor 2:internal resistance too large
17549	load Detection:implausible value
17550	load Detection:value below lower limit
17551	load Detection:value above upper limit
17552	Mass air flow (MAF)sensor-G70:open/short to ground
17553	Mass air flow (MAF)sensor-G70:short to B+
17554	Mass air flow (MAF)sensor-G70:supply voltage
17555	O2 control (Bank 2):system too lean
17556	O2 control (Bank 2):system too rich
17557	O2 control (Bank 1):implausible control value
17558	O2 control (Bank 2):implausible control value
17559	AutoAdaptacao Mistura - Sistema Muito Empobrecido
17560	AutoAdaptacao Mistura - Inferior ao Limite de Empobrecimento
17561	O2 sensors behind catalytic converter:swapped
17562	Two path intake Manifold:malfunction
17563	Falha Sensor Pressao Col. Admissão G71 - Curto ao Positivo
17564	Falha Sensor Pressao Col. Admissão G71 - Curto a Massa
17565	Falha Sensor Pressao Col. Admissão G71
17566	Falha Sensor Pressao Col. Admissão G71 - Fora da Faixa
17567	Signals from MAF-1 and MAF-2:implausible relation
17568	Intake air temperature (IAT)sensor-G72:short to ground
17569	Intake air temperature (IAT)sensor-G72:open/short to B+
17570	Fuel temperature sensor A circuit:low
17571	Fuel temperature sensor A circuit:high
17572	Fuel temperature sensor-G81:implausible signal
17573	AutoAdaptacao Mistura - Superior ao Limite de Empobrecimento
17574	AutoAdaptacao Mistura - Superior ao Limite de Empobrecimento
17575	Mass air flow sensor 2-G246:implausible signal
17576	Mass air flow sensor 2-G246:open/short to ground
17577	Mass air flow sensor 2-G246:short to B+
17578	Mass air flow sensor 2-G246:supply voltage
17579	Trasmissor Angulo Comando Valv. Borb.- G188
17580	Trasmissor.Ang. Comando Valv. Borb.- G188
17581	Trasmissor.Ang. Comando Valv. Borb.- G188
17582	Sistema Dosagem Combustivel - Divergência Tempo de Injecao
17583	Pre-injection turned off
17584	Resultado da Reação Catalítica - Limite Alcançado
17585	Bank 2 lambda correction downstream of catalyst:control limit attained

COD.	DESCRIÇÃO DA FALHA (CONT.)
17586	linear oxygen sensor/Pump current:open circuit
17587	linear oxygen sensor/Pump current:short to ground
17588	linear oxygen sensor/Pump current:short to B+
17589	linear oxygen sensor/Pump current:open circuit
17590	linear oxygen sensor/Pump current:short to ground
17591	linear oxygen sensor/Pump current:short to B+
17592	linear oxygen sensor/shared ground wire:open circuit
17593	linear oxygen sensor/shared ground wire:short to ground
17594	linear oxygen sensor/shared ground wire:short to B+
17595	linear oxygen sensor/compensation resistance:open circuit
17596	linear oxygen sensor/compensation resistance:short to ground
17597	linear oxygen sensor/compensation resistance:short to B+
17598	linear oxygen sensor/reference voltage:implausible
17599	linear oxygen sensor before catalytic converter:swapped
17600	Fuel pressure sensor-G247:supply voltage
17601	Fuel pressure sensor-G247:open or short to B+
17602	Fuel pressure regulator valve-N276:short to B+
17603	Fuel pressure regulator valve-N276:short or open to ground
17604	Falha no Aquecimento do SO2 B1S1
17605	O2 sensor heater circuit,Bank 2-sensor 1:electrical Fault
17606	O2 sensor heater circuit,Bank 1-sensor 2:electrical Fault
17607	O2 sensor heater circuit,Bank 2-sensor 2
17608	Recirculating valve for turbocharger-N249:mechanical malfunction
17609	Injector circuit/open cylinder 1
17610	Injector circuit/open cylinder 2
17611	Injector circuit/open cylinder 3
17612	Injector circuit/open cylinder 4
17613	Cylinder 5 Injector -N83:electrical fault in circuit
17614	Cylinder 6 Injector -N84:electrical fault in circuit
17615	Cylinder 7 Injector -N85:electrical fault in circuit
17616	Cylinder 8 Injector -N86:electrical fault in circuit
17617	Cylinder shut-off,intake deactivation valve:short circuit to ground
17618	Cylinder shut-off,intake deactivation valve:short to B+
17619	Cylinder shut-off,intake deactivation valve:open circuit
17620	Cylinder shut-off bank 1
17621	Falha Injetor Cilindro 1 N30 - Curto ao Positivo
17622	Falha Injetor Cilindro 2 N31- Curto ao Positivo
17623	Falha Injetor Cilindro 3 N32 - Curto ao Positivo
17624	Falha Injetor Cilindro 4 N34 - Curto ao Positivo
17625	Cylinder 5-fuel injector circuit-N34:high
17626	Cylinder 6-fuel injector circuit-N84:high
17627	Cylinder 7-fuel injector circuit-N85:high
17628	Cylinder 8-fuel injector circuit-N86:high
17629	Cylinder shut-off exhaust deactivation valves:short circuit to ground

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
17630	Cylinder shut-off exhaust deactivation valves:short to B+
17631	Cylinder shut-off exhaust deactivation valves:open circuit
17632	Cylinder shut-off Bank 2
17633	Falha Injetor Cilindro 1 N30 - Curto a Massa
17634	Falha Injetor Cilindro 2 N31 - Curto a Massa
17635	Falha Injetor Cilindro 3 N32 - Curto a Massa
17636	Falha Injetor Cilindro 4 N33 - Curto a Massa
17637	Cylinder 5-fuel injector circuit-N83:short to ground
17638	Cylinder 6-fuel injector circuit-N84:short to ground
17639	Cylinder 7-fuel injector circuit-N85:short to ground
17640	Cylinder 8-fuel injector circuit-N86:short to ground
17641	Load detection:malfunction
17642	Fuel lead missing
17643	Exhaust Bank 3 O2 correction behind catalyst:limit attentaind
17644	Exhaust Bank 4 O2 correction behind catalyst:limit attentaind
17645	Falha Injetor Cilindro 1 N30 - Circuito Aberto
17646	Falha Injetor Cilindro 2 N31 - Circuito Aberto
17647	Falha Injetor Cilindro 3 N32 - Circuito Aberto
17648	Falha Injetor Cilindro 4 N33 - Circuito Aberto
17649	Cylinder 5-Fuel injector circuit-N83:open circuit
17650	Cylinder 6-Fuel injector circuit-N84:open circuit
17651	Cylinder 7-Fuel injector circuit-N85:open circuit
17652	Cylinder 8-Fuel injector circuit-N86:open circuit
17653	Needle lift sensor circuit-G80:short to ground
17654	Needle lift sensor circuit-G80:implausible signal
17655	Needle lift sensor circuit-G80:open/short to B+
17656	Injection pump fuel metering control (A):range/performance
17657	Fuel level output circuit:electrical fault in circuit
17658	Fuel level:too low
17659	Cold start injector-N108:short to B+
17660	Cold start injector-N108:open/short to ground
17661	Fuel consumption signal:short to ground
17662	Fuel consumption signal:short to B+
17663	Engine coolant temperature (ECT) sensor-G62:short to ground
17664	Engine coolant temperature (ECT) sensor-G62:Open/short to B+
17665	Coolant circuit valve-N214:open
17666	valve for coolant circuit valve -N214:short to B+
17667	valve for coolant circulation -N214:short to ground
17668	Pump-jet valve:cylinder 1-N240:implausible signal
17669	Pump-jet valve:cylinder 1-N240:regulation range exceeded
17670	Pump-jet valve:cylinder 1-N240:regulation range not reached
17671	Pump-jet valve:cylinder 2-N241:implausible signal
17672	Pump-jet valve:cylinder 2-N241:regulation range exceeded
17673	Pump-jet valve:cylinder 2-N241:regulation range not reached

COD.	DESCRIÇÃO DA FALHA (CONT.)
17674	Pump-jet valve:cylinder 3-N242:implausible signal
17675	Pump-jet valve:cylinder 3-N242:regulation range exceeded
17676	Pump-jet valve:cylinder 3-N242:regulation range not reached
17677	Pump-jet valve:cylinder 4-N243:implausible signal
17678	Pump-jet valve:cylinder 4-N243:regulation range exceeded
17679	Pump-jet valve:cylinder 4-N243:regulation range not reached
17680	Pump-jet valve:cylinder 5-N244:implausible signal
17681	Pump-jet valve:cylinder 5-N244:regulation range exceeded
17682	Pump-jet valve:cylinder 5-N244:regulation range not reached
17683	Pump-jet valve:cylinder 6-N245:implausible signal
17684	Pump-jet valve:cylinder 6-N245:regulation range exceeded
17685	Pump-jet valve:cylinder 6-N245:regulation range not reached
17686	Fuel pressure regulator 1 control circuit high
17687	Fuel metering valve-N290:open or short to ground
17688	Fuel injection air control valve circuit-N212:air flow too low
17689	Fuel pressure regulator 1 control circuit low
17690	Fuel pressure regulator 1 control circuit
17691	Fuel injector air control valve circuit-N212:electrical malfunction
17692	Fuel injector air control valve circuit-N212:open circuit
17693	Air assisted injector control:circuit low
17694	Air assisted injector control:circuit high
17695	Turbocharger recirculating valve-N249:open circuit
17696	Turbocharger recirculating valve-N249:short to B+
17697	Turbocharger recirculating valve-N249:short to ground
17698	Engine coolant temperature (ECT)sensor at radiator outlet-G83:signal too large
17699	Engine coolant temperature (ECT)sensor at radiator outlet-G83:signal too small
17700	Map controlled engine cooling thermostat -F265:open circuit
17701	Map controlled Engine cooling thermostat -F265:short to B+
17702	Map controlled Engine cooling thermostat -F265:short to ground
17703	Turbocharger bypass:throughput faulty
17704	Malfunction in cooling system
17705	Connection charger to throttle valve:pressure dropped
17706	Engine coolant temperature (ECT)on radiator-G83:implausible signal
17707	Fuel metering valve -N290:malfunction
17708	Falha Combustão p/ Falta de Combustível
17709	Cylinder 9-knock control:controllimit reached
17710	Cylinder 10-knock control:controllimit reached
17711	Cylinder 11-knock control:controllimit reached
17712	Cylinder 12-knock control:controllimit reached
17713	Cylinder 9 ignition circuit:open circuit
17714	Cylinder 9 ignition circuit:short circuit to B+
17715	Cylinder 9 ignition circuit:short circuit to ground
17716	Cylinder 10 ignition circuit:open circuit
17717	Cylinder 10 ignition circuit:short circuit to B+

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
17718	Cylinder 10 ignition circuit:short circuit to ground
17719	Cylinder 11 ignition circuit:open circuit
17720	Cylinder 11 ignition circuit:short circuit to B+
17721	Cylinder 11 ignition circuit:short circuit to ground
17722	Cylinder 12 ignition circuit:open circuit
17723	Cylinder 12 ignition circuit:short circuit to B+
17724	Cylinder 12 ignition circuit:short circuit to ground
17725	Cylinder 13 ignition circuit:limit attained
17726	Cylinder 14 ignition circuit:limit attained
17727	Knock sensor (KS1) circuit-G61:short to ground
17728	Knock sensor (KS2) circuit-G61:short to ground
17729	Knock sensor (KS3) circuit-G198:signal too low
17730	Knock sensor (KS3) circuit-G198:signal too high
17731	Knock sensor (KS4) circuit-G198:signal too low
17732	Knock sensor (KS4) circuit-G198:signal too high
17733	Falha Reg. Detonação Cilindro 1
17734	Falha Reg. Detonação Cilindro 2
17735	Falha Reg. Detonação Cilindro 3
17736	Falha Reg. Detonação Cilindro 4
17737	Cylinder 5-knock control:limit attained
17738	Cylinder 6-Knock control:limit attained
17739	Cylinder 7-Knock control:limit attained
17740	Cylinder 8-Knock control:limit attained
17741	Cylinder 15-Knock control:limit attained
17742	Cylinder 16-Knock control:limit attained
17743	Engine torque monitoring 2:value above upper control limit
17744	Engine torque monitoring:value above upper control limit
17745	Bank 1,camshaft position (CMP)=>sensor -G40:short to ground
17746	Bank 1,camshaft position (CMP) sensor-G40=>:open circuit/short to ground
17747	Crankshaft position/Engine speed sensor:swapped
17748	Camshaft position sensor-G40/engine speed sensor -G28:incorrect allocation
17749	Falha Saida de Ignição 1 - Curto a Massa
17750	Falha Saida de Ignição 1 - Curto ao Positivo
17751	Falha Saida de Ignição 2 - Curto a Massa
17752	Falha Saida de Ignição 2 - Curto ao Positivo
17753	Ignition coil power output stage 3:Short to ground
17754	Ignition coil power output stage 3:short to B+
17755	Camshaft position sensor 2-G163/engine speed sensor-G28:incorrect allocation
17756	Falha Saida de Ignição 1 - Circuito Aberto
17757	Falha Saida de Ignição 1 - Circuito Aberto
17758	Ignition coil power output stage 3:open
17759	Bank 1 camshaft position (CMP)=>sensor -G40:implausible signal during start
17760	Bank 1 camshaft adjustment:specification not reached
17761	Unknown:reason

COD.	DESCRIÇÃO DA FALHA (CONT.)
17762	Modulation piston movement sensor circuit-G149:electrical fault in circuit
17763	Cylinder 1,ignition circuit:open
17764	Cylinder 1,ignition circuit:short to B+
17765	Cylinder 1,ignition circuit:short to Ground
17766	Cylinder 2,ignition circuit:open
17767	Cylinder 2,ignition circuit:short to B+
17768	Cylinder 2,ignition circuit:short to Ground
17769	Cylinder 3,ignition circuit:open
17770	Cylinder 3,ignition circuit:short to B+
17771	Cylinder 3,ignition circuit:short to Ground
17772	Cylinder 4,ignition circuit:open
17773	Cylinder 4,ignition circuit:short to B+
17774	Cylinder 4,ignition circuit:short to Ground
17775	Cylinder 5,ignition circuit:open
17776	Cylinder 5,ignition circuit:short to B+
17777	Cylinder 5,ignition circuit:short to Ground
17778	Cylinder 6,ignition circuit:open
17779	Cylinder 6,ignition circuit:short to B+
17780	Cylinder 6,ignition circuit:short to Ground
17781	Cylinder 7,ignition circuit:open
17782	Cylinder 7,ignition circuit:short to B+
17783	Cylinder 7,ignition circuit:short to Ground
17784	Cylinder 8,ignition circuit:open
17785	Cylinder 8,ignition circuit:short to B+
17786	Cylinder 8,ignition circuit:short to Ground
17787	Cylinder 13:combustion misfire detected
17788	Cylinder 14:combustion misfire detected
17789	Cylinder 15:combustion misfire detected
17790	Cylinder 16:combustion misfire detected
17791	Unknown:reason
17792	Engine control module 2 faulty
17793	Internal control module memory:checksum error
17794	Falha Interna ECU
17795	Internal control module memory:checksum error
17796	Falha no Módulo de Controle do Acelerador Eletrônico
17797	ECM 2 for diesel direct fuel injection (DFI)-J494:faulty
17798	Unknown:reason
17799	Bank 2 camshaft position (CMP)=>sensor 2-G163:short to ground
17800	Bank 2 camshaft position (CMP)=>sensor 2-G163:open circuit/short to B+
17801	Falha Bobina Saída 1
17802	Falha Bobina Saída 2
17803	Ignition coil power output stage 3:electrical malfunction
17804	Crankshaft position sensor (A)-G28:range/performance
17805	Sensor wheel for engine speed:adaptation at limit

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
17806	Sinal de Rotação - Curto a Massa
17807	Sinal de Rotação - Curto ao Positivo
17808	Exhaust gas recirculation (EGR)valve circuit -N18:electrical malfunction
17809	Exhaust gas recirculation (EGR)valve circuit -N18:short to ground
17810	Exhaust gas recirculation (EGR)valve circuit -N18:short to B+
17811	Exhaust gas recirculation (EGR)control circuit:range/performance
17812	Exhaust gas recirculation (EGR)system:basic setting not performed
17813	Unknown:reason
17814	Exhaust gas recirculation (EGR)Temperature sensor-G98:implausible signa
17815	Exhaust gas recirculation (EGR)Temperature sensor (A) circuit:low
17816	Exhaust gas recirculation (EGR)Temperature sensor (A) circuit:high
17817	Evaporative emssision system pure control valve circuit
17818	Falha Eletrovalvula Canister N80
17819	Bank 2 secondary air system:air flow too low
17820	Pressure sensor for Exhaust gas recirculation (EGR):signal too low
17821	Pressure sensor for exhaust gas recirculation (EGR):signal too high
17822	Secondary air injector system,Bank 2:leak detected
17823	Exhaust gas recirculation (EGR)vacuum regulator solenoid valve-N18:characteristic curve adaptation lower limit exceeded
17824	Exhaust gas recirculation (EGR)vacuum regulator solenoid valve-N18:characteristic curve adaptation upper limit exceeded
17825	Fuel level (A)circuit:low
17826	Unknown:high
17827	Exhaust gas recirculation (EGR)cooler switch-over valve 2:short to B+
17828	Falha Valvula Injecao Ar Secundário N112
17829	Falha Valvula Injecao Ar Secundário N112
17830	Falha Valvula Injecao Ar Secundário N112
17831	Secondary air injection system,Bank 1:air flow too low
17832	Secondary air injection system,Bank 1:leak detected
17833	Falha Eletrovalvula Canister N80
17834	Falha Eletrovalvula Canister N80
17835	Brake vacuum pump activation:short to B+
17836	Brake vacuum pump activation:short to ground
17837	Activation of brake vacuum pump:open circuit
17838	Activation of brake vacuum pump:open or short to B+
17839	Activation of brake vacuum pump:open or short to ground
17840	Secondary air injection system switching valve (A)circuit:open
17841	Secondary air injection system pump relay circuit-N299:open
17842	Secondary air injection system pump relay circuit-N299:short to B+
17843	Secondary air injection system pump relay circuit-N299:short to ground
17844	Secondary air injection system pump relay circuit-N299:electrical malfunction
17845	EGR valve 2-N213:open or short to ground
17846	EGR valve 2-N213:open or short to ground
17847	Potenciometro Recirc. Gases Escape - G212

COD.	DESCRIÇÃO DA FALHA (CONT.)
17848	Valvula Recirc.Gases Escape - G212
17849	EGR vacuum regulator solenoid valve-N18:open/short to ground
17850	Sensor EGR G212 - Sinal Alto
17851	Sensor EGR G212 - Sinal Baixo
17852	EGR valve position sensor -G212:implausible signal
17853	Catalyst temperature sensor 2-G132:implausible signal
17854	Catalyst temperature sensor 1-G20:short to ground
17855	Catalyst temperature sensor 1-G20:open/short to B+
17856	Catalyst temperature sensor 2-G132:short to ground
17857	Catalyst temperature sensor 2-G132:open/short to B+
17858	Falha Sistema Ar Secundario
17859	Falha Sistema Ar Secundario
17860	Falha Sistema Ar Secundario
17861	Exhaust gas temperature sensor 1-G235:open/short to B+
17862	Exhaust gas temperature sensor 1-G235:low
17863	Exhaust gas temperature sensor 1-G235:implausible signal
17864	Exhaust gas temperature control bank 1:control limit reached
17865	Exhaust gas temperature sensor 2-G236:open/short to B+
17866	Exhaust gas temperature sensor 2-G236:short to ground
17867	Exhaust gas temperature sensor:implausible signal
17868	Exhaust gas temperature control bank 2:control limit reached
17869	Exhaust gas temperature control bank 1:range/performance
17870	Exhaust gas temperature control bank 2:range/performance
17871	Secondary air injection system:bank 3:malfunction
17872	Secondary air injection system:bank 4:malfunction
17873	Metering pump for cleaning solution:short to B+
17874	Metering pump for cleaning solution:open/short to ground
17875	EVAP canister purge solenoid valve-N115:short to B+
17876	EVAP canister purge solenoid valve-N115:short to ground
17877	EVAP canister purge solenoid valve-N115:open
17878	Leak detection pump -tank breather system:electrical malfunction
17879	EVAP emission control leak Detection pump (LDP)circuit:short to B+
17880	EVAP emission control leak Detection pump (LDP)circuit:short to ground
17881	EVAP emission control leak detection pump (LDP)circuit:open circuit
17882	EVAP canister purge solenoid valve-N115:electrical malfunction
17883	EVAP emission control leak detection pump (LDP)circuit:malfunction/no signal
17884	EVAP emission control leak detection pump (LDP)circuit:malfunction/vacuum too low
17885	EVAP emission control leak detection pump (LDP)circuit:malfunction
17886	EVAP emission control leak detection pump (LDP)circuit:blocked piped detected
17887	Brake boost vacuum system:mechanical failure
17888	Brake boost vacuum pump:brake vacuum pump
17889	Relay for secondary air injection pump 2-j545:open circuit
17890	Relay for secondary air injection pump 2-j545:short to B+
17891	Relay for secondary air injection pump 2-j545:short to ground

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
17892	Relay for secondary air injection pump 2-J545:electrical malfunction
17893	Secondary air injection valve switch valve (B)circuit:open circuit
17894	Secondary air injection valve switch valve (B)circuit:electrical malfunction
17895	Secondary air injection solenoid valve 2-N320:short to ground
17896	Secondary air injection solenoid valve 2-N320:short to B+
17897	EVAP canister purge regulator valve 2-N333:short to B+
17898	EVAP canister purge regulator valve 2-N333:short to ground
17899	EVAP canister purge regulator valve 2-N333:open circuit
17900	EVAP canister purge regulator valve 2-N333:electrical malfunction
17901	Vacuum pump for brake boost:performance too low
17902	EVAP emission control system 2:incorrect purge flow
17903	Radiator exhaust gas recirculation switch-over valve-N345:open or short to ground
17904	Radiator exhaust gas recirculation switch-over N345:short to B+
17905	Secondary air injection system bank 3:flow faulty
17906	Secondary air injection system bank 4:flow faulty
17907	Switch-over valve 2 for EGR cooler:open or short to ground
17908	Falha Rele Bomba Combustível J17
17909	Relé da Bomba de Combustível J17 - Curto a Massa
17910	Relé da Bomba de Combustível J17 - Curto ao Positivo
17911	Load signal for alternator terminal DF:range/performance
17912	Circuito de Admissão com Vazamento
17913	Falha no Circuito do Acelerador Eletrônico - Circuito Aberto
17914	Falha no Circuito do Acelerador Eletrônico - Curto a Massa
17915	Falha Adaptação de M.L.
17916	Idling system learned value:upper limit reached
17917	Falha na Valvula estabilizadora da Marcha Lenta - N71
17918	Idle air control (IAC)valve -N71:short to B+
17919	Intake manifold changeover valve-N156:electrical malfunction
17920	Falha Circ. Valvula Comut. Coletor Admissão - Curto ao Positivo
17921	Intake manifold tuning (IMT)valve 2-N261:short to B+
17922	Intake manifold tuning (IMT)valve 2-N261:short to ground
17923	Falha Circ. Valvula Comut. Coletor Admissão - Curto a Massa
17924	Falha Circ. Valvula Comut. Coletor Admissão - Circuito Aberto
17925	Falha no rele principal J271
17926	(ECM/PCM)power relay control circuit=>-J271:high
17927	'A'Camshaft position actuator circuit Bank 1:malfunction
17928	Intake Manifold tuning (IMT)valve 2-N261:circuit open
17929	Intake Manifold tuning (IMT)valve 2-N261:circuit electrical malfunction
17930	'A'camshaft position actuator circuit Bank 2:malfunction
17931	Crash signal from Airbag control unit:implausible signal
17932	Fuel pump Relay -J17:open or short to ground
17933	Bank 1,camshaft adjustment -N205:electrical malfunction
17934	Circuito do Controle do Comando de Admissão B1 - Curto ao Positivo
17935	Circuito do Controle do Comando de Admissão B1 - Curto a Massa

COD.	DESCRIÇÃO DA FALHA (CONT.)
17936	Circuito do Controle do Comando de Admissão B1 - Circuito Aberto
17937	Intake camshaft control circuit:short to B+
17938	Intake camshaft control circuit:short to Ground
17939	Intake camshaft control circuit:open
17940	Idle regulation lean operation:RPM below specified value
17941	Bank 2,camshaft adjustment-N208:electrical malfunction
17942	Bank 2, valve 2 for camshaft=>Adjustment-N208:short to B+
17943	Bank 2, valve 2 for camshaft=>Adjustment-N208:short to ground
17944	Bank 2,camshaft adjustment-N208:open
17945	Fuel shutoff solenoid-N109:malfunction
17946	Fuel shutoff solenoid-N109:open/short to ground
17947	Clutch switch input circuit-F36:implausible signal
17948	Vehicle speed sensor:intermittent/erratic/high input
17949	Falha Rele Bomba Combustível J17 - Circuito Aberto
17950	Falha no Acelerador Eletrônico G187 - Fora da Faixa
17951	Falha no Acelerador Eletrônico - Sinal Baixo
17952	Falha no Acelerador Eletrônico - Sinal Alto
17953	Falha no Acelerador Eletrônico
17954	Turbo/super charger wastegate solenoid (A):high input/short to B+
17955	Turbo/super charger wastegate solenoid (A):low input/short to Ground
17956	Solenoid valve for charge pressure control-N75:open
17957	Turbo/super charger wastegate solenoid (A):open/short to ground
17958	Charge pressure:control difference
17959	Barometric pressure (Baro)sensor-F96:short to B+
17960	Barometric pressure (Baro)sensor-F96:open/short to ground
17961	Sensor MAP ou Sensor Barométrico - Fora da Faixa
17962	Acelerador Eletrônico - Condição Ajuste Básico não Executado
17963	Charge pressure:value above maximum charge pressure
17964	Turbo/super charger boost sensor (A)circuit:control limit not reached
17965	Turbo/super charger overboost condition:control limit exceeded
17966	Falha no Acelerador Eletrônico
17967	Falha no Acelerador Eletrônico - Erro no Ajuste Básico
17968	Rotação Máxima do Motor Excedida
17969	Quantity adjuster -N146:control difference
17970	Quantity adjuster -N146:upper limit stop value
17971	Quantity adjuster -N146:lower limit stop value
17972	Acelerador Eletrônico - Baixa Tensão durante Ajuste Básico
17973	Falha no Acelerador Eletrônico
17974	A/C refrigerant pressure sensor(A)circuit:range/performance
17975	Load signal from A/C compressor:no signal
17976	Throttle valve control module-J338:mechanical malfunction
17977	Cruise control set signal:incorrect signal
17978	Falha ECU - Bloqueada
17979	Left engine mount solenoid valve-N144:short to B+

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
17980	Left engine mount solenoid valve-N144:short to ground
17981	Left engine mount solenoid valve-N144:open circuit
17982	Left engine mount solenoid valve-N144:electrical fault in circuit
17983	Right engine mount solenoid valve-N145:short to B+
17984	Right engine mount solenoid valve-N145:short to ground
17985	Right engine mount solenoid valve-N145:open circuit
17986	Right engine mount solenoid valve-N145:electrical fault in circuit
17987	Throttle valve control module-J338:adaptation not started
17988	Falha no Acelerador Eletrônico
17989	Acelerador Eletrônico J338 - Ajuste Básico nao efetuado
17990	Falha Limite Adptação Reg. M.L. Atingido
17991	Trans.Mount valve 1/2-N262/-N263:short to B+
17992	Trans.Mount valve 1/2-N262/-N263:short to ground
17993	Trans.Mount valve 1/2-N262/-N263:open circuit
17994	Left/right Electro-Hydraulic engine mount solenoid valve-N144/-N145:short to B+
17995	Left/right Electro-Hydraulic engine mount solenoid valve-N144/-N145:short to ground
17996	Left/right Electro-Hydraulic engine mount solenoid valve-N144/-N145:open circuit
17997	Temperature selector knob potentiometer-G267:short to ground
17998	Temperature selector knob potentiometer-G267:open circuit
17999	Wastegate bypass regulator valve-N75:no function
18000	Altitude sensor /Boost pressure sensor:implausible ratio
18001	Altitude adaptation:signal out of tolerance
18002	Camshaft adjustment oil temperature sensor-G277:short to B+
18003	Camshaft adjustment oil temperature sensor-G277:open or short to ground
18004	Powertrain databus:implausible message from level control system-J197
18005	Powertrain databus:missing message from level control system-J197
18006	Camshaft adjustment oil temperature sensor-G277:implausible signal
18007	Idle regulation lean operation:RPM too high
18008	power supply (B+) terminal 15:low
18009	Relay for supply voltage terminal 30-J317:implausible signal
18010	Falha Tensao Alimentação - Tensão Baixa
18011	Internal control module memory:checksum error
18012	Internal control module memory:checksum error
18013	Rough road/acceleration sensor:electrical malfunction
18014	Rough road information/target torque from ABS control unit:electrical malfunction
18015	Vehicle speed sensor:error message from instrument cluster
18016	Steering Angle signal:error message from steering angle sensor
18017	Crash shut Down activated:crash shut down activated
18018	Internal control module memory:checksum error
18019	Mil call-up circuit/transmission control module:short to ground
18020	Falha de ECU - Codificação Incorreta
18021	Mil call-up circuit:open/short to B+
18022	Mil call-up circuit/Transmission control module:implausible signal
18023	Engine oil temperature sensor circuit-G8:implausible signal

COD.	DESCRIÇÃO DA FALHA (CONT.)
18024	Glow plug indicator light-K29:short to B+
18025	Glow plug/heater indicator circuit-k29:open/short to ground
18026	Glow plug/heater relay circuit-J52:short to B+
18027	Glow plug/heater relay circuit-J52:open/short to ground
18028	Engine coolant temperature signal:open/short to B+
18029	Engine coolant temperature signal:short to ground
18030	Engine coolant temperature signal:implausible signal
18031	Data bus powertrain:no communication
18032	Mil request signal:active
18033	Date bus powertrain:implausible message from transmission control
18034	Sem Mensagem UC da Transmissão Rede CAN
18035	Data-bus powertrain:missing message from fuel injection pump
18036	Data-bus powertrain:missing message from steering sensor
18037	Data-bus powertrain:missing message from distance control
18038	Sensor Posicao Pedal Acelador G79 - Sinal Baixo
18039	Sensor Posicao Pedal Acelador G79 - Sinal Alto
18040	Throttle/pedal position sensor/switch-C-Circuit:voltage supply
18041	Sensor 2 Posicao Pedal Acelador G185 - Sinal Baixo
18042	Sensor 2 Posicao Pedal Acelador G185 - Sinal Alto
18043	Data bus powertrain:missing message from air conditioner control
18044	Data bus powertrain:missing message from airbag control
18045	Data bus powertrain:missing message from central electronic control
18046	Data bus powertrain:missing message from clutch control
18047	Sensor 1+2 Posicao Pedal Acelador-G79+G185
18048	Falha na ECU
18049	Please check DTC memory of:air conditioner ECU
18050	please check DTC memory of:airbag ECU
18051	Please check DTC memory of:central electric ECU
18052	Please check DTC memory of:clutch ECU
18053	Data bus powertrain:missing message from all wheel drive control
18054	please check DTC memory of:all wheel drive ECU
18055	Please check coding of ECUs:in CANbus
18056	Data Bus powertrain:faulty
18057	Sem Mensagem UC do ABS Rede CAN
18058	Data bus powertrain:missing message from instrument cluster ECU
18059	Data bus powertrain:missing messages
18060	Please check DTC memory of:transmission ECU
18061	Consultar Memoria de Avarias Unidade de Comando
18062	Consultar Memoria Painel Instrumentos
18063	Please check DTC memory of:distance (ADR)control ECU
18064	Ar Condicionado Entrada / Saida - Curto a Massa
18065	Ar Condicionado Entrada / Saida - Curto ao Positivo
18066	Data-Bus powertrain:implausible message from distance (ADR)control
18067	Coolant fan 1 control:high

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
18068	Coolant fan 1 control:low
18069	Coolant fan 2 control:high
18070	Coolant fan 2 control:low
18071	pump injector control:short to B+
18072	Pump injector control:malfunicon in circuit
18073	Pump injector control:mechanical failure
18074	valve for pump-injector cylinder 1-N240:electrical malfunicon
18075	valve for pump-injector cylinder 2-N241:electrical malfunicon
18076	valve for pump-injector cylinder 3-N242:electrical malfunicon
18077	valve for pump-injector cylinder 4-N243:electrical malfunicon
18078	Unknown:reason
18079	Valve for pump-injector cylinder 6-N245:electrical malfunicon
18080	Radiator fan activation 1:open or short to ground
18081	Speed signal:malfunicon message from ABS control module
18082	Data bus powertrain:implausible message from instrument cluster
18083	Data bus powertrain:implausible message from injection pump controller
18084	EPC warning Lamp-K132:electrical malfunicon
18085	EPC warning lamp-K132:short to B+
18086	EPC warning lamp-K132:short to ground
18087	EPC warning lamp-K132:open
18088	Reset-resistant limp-Mode activated:active
18089	Programacao Unidade Comando Incompleta
18090	Date bus powertrain:implausible message from ABS controller
18091	Data bus powertrain:implausible message from airbag controller
18092	Control unit programming:communication error
18093	Data bus powertrain:inplausible message from steering angle sensor
18094	Control unit Error:programming
18095	Date bus powertrain:implausible message from A/C controller
18096	Date bus powertrain:implausible message from awd controller
18097	Data bus powertrain:implausible message from electronic load controller
18098	Falha na Lâmpada de Avarias
18099	Falha na Lâmpada de Avarias - Circuito Aberto
18100	Falha na Lâmpada de Avarias - Curto a Massa
18101	Malfunicon indication light (MIL)-K83:short to B+
18102	Malfunicon indication light (MIL)-K83:open/short to ground
18103	Unknown:reason
18104	Data bus powertrain:implausible message from steering column controller
18105	please check DTC memory of:steering angle sensor
18106	please check DTC memory of:steering wheel electronics
18107	Data bus powertrain:missing message from steering wheel electronics
18108	Brake pressure switch-F270:implausible signal
18109	Unknown:reason
18110	Cannot activate controller Repl.Function due to another error with equal priority
18111	Unknown:reason

COD.	DESCRIÇÃO DA FALHA (CONT.)
18112	Kick down switch-F8:malfunction
18113	Gear/ratio Monitoring:adaptation at limit
18114	Transmission faulty
18115	Interference in mechatronic unit
18116	Unknown:reason
18117	Unknown:reason
18118	Unknown:reason
18119	Wheel speed signal 1=>front left-G47:implausible signal
18120	Unknown:reason
18121	Unknown:reason
18122	Unknown:reason
18123	Unknown:reason
18124	Wheel speed signal 2=>front left-G45:implausible signal
18125	Unknown:reason
18126	Unknown:reason
18127	Unknown:reason
18128	Unknown:reason
18129	Wheel speed signal 3=>front left-G46:implausible signal
18130	Unknown:reason
18131	Starter for starter lock:open
18132	Starter for starter lock:short to ground
18133	Unknown:reason
18134	Wheel speed signal 4=>front left-G44:implausible signal
18135	Unknown:reason
18136	Differing wheel speed signals:implausible signal
18137	Signal for starter lock:short to B+
18138	Unknown:reason
18139	Unknown:reason
18140	Unknown:reason
18141	Tiptronic switch-F 189,Down:short to ground
18142	Unknown:reason
18143	Unknown:reason
18144	Unknown:reason
18145	Sensor 1 for hydraulic pressure in Transmission:open or short to B+
18146	Sensor 2 for hydraulic pressure in Transmission:open or short to B+
18147	Tiptronic switch-F 189,up:short to ground
18148	Cluth temperatrue monitoring
18149	Clutch pressure adaptation:adaplation limit reached
18150	Clutch Torque adaptation:adaptation limit reached
18151	Clutch slip monitoring:signal too high
18152	Tiptronic switch-F 189,Recognition:short to Ground
18153	Voltage supply for solenoid valves:short to B+
18154	Voltage supply for solenoid valves:malfunction
18155	Voltage supply for solenoid valves:open/short to ground

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
18156	Internal control module memory:checksum error
18157	Automatic transmission control unit:incorrect code
18158	Power supply voltage:low voltage
18159	Power supply voltage:high voltage
18160	Power supply voltage:malfunction
18161	Tiptronic switch-F189:implausible signal
18162	Tiptronic switch-F189,up:open or short to B+
18163	Tiptronic switch-F189,down:open or short to B+
18164	Tiptronic switch-F189,Recognition:open or short to B+
18165	Power supply voltage:open circuit
18166	power supplu voltage Terminal 15:open circuit
18167	Transmission Fluid Temperature:exceeded multiple times
18168	Solenoid for selector level lock-N110:malfunction
18169	Solenoid for selector level lock-N110:short to ground
18170	Solenoid for selector level lock-N110:short to B+
18171	Solenoid for selector level lock-N110:open
18172	Transmission temperature monitoring
18173	Hydraulic pressure sender 2-G194:adaptation limit reached
18174	Throttle valve signal from engine control module (ECM):open/short to B+
18175	Throttle valve signal from engine control module (ECM):short circuit to ground
18176	Hydraulic pressure sender 2-G194:signal too high
18177	Hydraulic pressure sender 2-G194:signal too low
18178	Load sender from engine control module (ECM):implausible signal
18179	Load sender from engine control module (ECM):open/short to B+
18180	Load sender from engine control module (ECM):short to ground
18181	Hydraulic pressure sender 1-G193:too high
18182	Hydraulic pressure sender 1-G193:too low
18183	Hydraulic pressure sender 1-G193:adaptation limit reached
18184	Hydraulic pressure sender 1-G193:implausible signal
18185	Hydraulic pressure sender 2-G194:implausible signal
18186	valve 7:electrical malfunction
18187	Unknown:reason
18188	Unknown:reason
18189	Torque reduction signal:open/short to ground
18190	Torque reduction signal:short to B+
18191	clutch torque adaptation 2:adaptation limit reached
18192	Up/down shift wire:open/short to ground
18193	Up/down shift wire:short to B+
18194	Back -up light signal:open circuit
18195	Back -up light signal:short to ground
18196	Back -up light signal:short to B+
18197	Idling speed adjustment:error message from engine control unit
18198	Signal for selector level position display:open circuit
18199	Signal for selector level position display:short to ground

COD.	DESCRIÇÃO DA FALHA (CONT.)
18200	Signal for selector level position display:short to B+
18201	Output speed sensor 2-G196:No signal
18202	Unknown:reason
18203	Vehicle speed signal circuit:open circuit
18204	Vehicle speed signal circuit:short to ground
18205	Vehicle speed signal circuit:short to B+
18206	Output speed sensor 2-G196:implausible signal
18207	Output speed sensor 2-G196:speed too high
18208	Hydraulic Actuator valve-N331:electrical malfunction
18209	Signal buzzer activation:short to B+
18210	Clutch Pedal position (CPP)Switch-F194:implausible signal
18211	Planetary overdrive/low rage:mechanical malfunction
18212	Hydraulic actuator position sender-G302:electrical malfunction in circuit
18213	Hydraulic actuator position sender-G302:upper limit exceeded
18214	Hydraulic actuator position sender-G302:lower limit not reached
18215	Hydraulic actuator position sender-G302:no/incorrect basic setting/adaptation
18216	Hydraulic actuator position sender-G302:implausible signal
18217	Hydraulic pump for overdrive/low Range-V190:electrical malfunction
18218	Unknown:reason
18219	Unknown:reason
18220	Unknown:reason
18221	Pressure control valve 1-N215:electrical
18222	Pressure control valve 1-N215:open/short to ground
18223	Pressure control valve 1-N215:short to B+
18224	Unknown:reason
18225	Unknown:reason
18226	Pressure control valve 2-N216:electrical
18227	Pressure control valve 2-N216:open/short to ground
18228	Pressure control valve 2-N216:short to B+
18229	Unknown:reason
18230	Unknown:reason
18231	Pressure control valve 3-N217:electrical
18232	Pressure control valve 3-N217:open/short to ground
18233	Pressure control valve 3-N217:short to B+
18234	Unknown:reason
18235	Unknown:reason
18236	Pressure control valve 4-N218:electrical
18237	Pressure control valve 4-N218:open/short to ground
18238	Pressure control valve 4-N218:short to B+
18239	Unknown:reason
18240	Unknown:reason
18241	Pressure control valve 5-N233:electrical malfunction
18242	Pressure control valve 5-N233:open/short to ground
18243	Pressure control valve 5-N233:short to B+

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
18244	Unknown:reason
18245	Unknown:reason
18246	Pressure control valve 6-N371:pressure control solenoid 6-N371
18247	Pressure control valve 6-N371:open or short to ground
18248	Pressure control valve 6-N371:short to B+
18249	Engine/Transmission control module:versions not compatible
18250	Please check DTC memory of:instrument cluster ECU
18251	Please check DTC memory of:distance control ECU
18252	Please check DTC memory of:central electric control ECU
18253	Please check DTC memory of:steering electronics-j527
18254	Unknown:reason
18255	Please check DTC memory of:ABS system ECU
18256	Please check DTC memory of:engine ECU
18257	Please check DTC memory of:transmission ECU
18258	Data-bus powertrain:missing message from engine control
18259	Falha Comunicação c/a Rede
18260	Data-bus powertrain:implausible message from engine control
18261	Data-bus powertrain:implausible message from ABS control
18262	data-bus powertrain:hardware defective
18263	Data-bus powertrain:software version monitoring
18264	Throttle valve potentiometer-G69:error message from engine control unit
18265	Load signal:error message from engine control unit
18266	Speed signal from engine control unit:error message from engine control
18267	Brake light switch-F:error message from engine control unit
18268	Kick down switch-F8:error message from engine control unit
18269	Throttle position (TP) sensor-G79:error message from ECM
18270	Data bus powertrain:missing message from instrument cluster ECU
18271	Data bus powertrain:missing message from steering angle sensor
18272	Data bus powertrain:missing message from distance regulation (ADR)control module
18273	Data bus powertrain:missing message from central electronics
18274	Data bus powertrain:missing messages
18275	Data bus powertrain:missing message from-j527
18276	Transmission mount valve 1-N262:short to B+
18277	Transmission mount valve 1-N262:short to ground
18278	Transmission mount valve 1-N262:open circuit
18279	Transmission mount valve 1-N263:short to B+
18280	Transmission mount valve 1-N263:short to ground
18281	Transmission mount valve 1-N263:open circuit
18282	Valve for torque support mount:short to B+
18283	Valve for torque support mount:short to ground
18284	Valve for torque support mount:open circuit
18285	Transmission coolant circuit relay:intermitent
18286	Rear light signal circuit:high
18287	Transmission coolant circuit relay:short to ground

COD.	DESCRIÇÃO DA FALHA (CONT.)
18288	Data bus powertrain:missing message from diagnostic gateway
18289	Data bus powertrain:missing message from acceleration request
18290	Data bus powertrain :missing message from brake system ECU
18291	Park/Neutral switch input circuit
18292	Signal for back-up lights:short to ground
18293	Signal for back-up lights:short to B+
18294	Signal for back-up lights:open
18295	Vehicle speed signal wheel speed from Brake control module:range/performance
18296	Valve for coolant system circuit:high
18297	Valve for coolant system circuit:low/intermittent
18298	Unknown:reason
18299	Unknown:reason
18300	Unknown:reason
18301	Unknown:reason
18302	Unknown:reason
18303	Unknown:reason
18304	Unknown:reason
18305	Unknown:reason
18306	Unknown:reason
18307	Unknown:reason
18308	Coolant fan control 2:open or short to ground
18309	After-run coolant fan (FC)control module-J138:short to B+
18310	After-run coolant fan (FC)control module-J138:open or short to ground
18311	Cooling fan valve-N313:short to B+
18312	Cooling fan valve-N313:open or short to
18313	Charge air cooling pump relay-J536:short to B+
18314	Charge air cooling pump relay-J536:open or short to ground
18315	Engine databus:engine faulty
18316	Engine databus:software condition monitoring
18317	Engine databus:missing message from engine control module 1
18318	Engine databus:missing message from engine control module 2
18319	Synchronization wire:electrical malfunction
18320	Pressure sensor for brake boost-G294:short to B+
18321	Pressure sensor for brake boost-G294:short to ground
18322	Pressure sensor for brake boost-G294:implausible signal
18323	Coolant circulation pump relay-J151:short to B+
18324	Coolant circulation pump relay-J151:short to ground
18325	Coolant circulation pump relay-J151:open circuit
18326	Load signal from alternator terminal DF:open or short to B+
18327	Load signal from alternator terminal DF:short to ground
18328	L/R electrohydraulic engine mount solenoid valve-N144/-N145:open or short to ground
18329	Outside temperature sensor 2:-G249:short to ground
18330	Outside temperature sensor 2:-G249:open to B+
18331	Please check DTC memory of ECU number 2

COD.	DESCRIÇÃO DA FALHA (CONT.)
18332	Controller PIN coding:implausible signal
18333	Relay for auxiliary coolant pump-J496:open circuit to B+
18334	Relay for auxiliary coolant pump-J496:short to Ground
18335	Relay for auxiliary coolant pump-J496:open circuit
18336	Immobilizer Query not yet performed
18337	Coolant fan-V7:open circuit
18338	Coolant fan 2-V177:open circuit
18339	Coolant (FC)fan control module-J293:malfunxion
18340	Data Bus powertrain:implausible message from controller for access and start authorization
18341	Throttle plate control 2:malfunxion
18342	Cooling fan temperature sensor-G382:signal too low
18343	Cooling fan temperature sensor-G382:signal too large
18344	Generator shut-off:open or short to ground
18345	Generator shut-off:short to B+
18346	Auxiliary Engine coolant (EC)pump Relay -J496:open or short to ground
18347	Data bus powertrain:missing message from controller for access and start authorization
18348	Data bus powertrain:missing message from control module for battery monitoring
18349	Data bus powertrain:implausible message from control module for battery monitoring
18350	Data bus powertrain:missing message from level control system
18351	Data bus powertrain:implausible message from level control system
18352	Control module 1 for cooling fan:excess temperature
18353	Control module 1 for cooling fan:short circuit
18354	Control module 1 for cooling fan:fauly
18355	Control module 2 for cooling fan:excess temperature
18356	Control module 2 for cooling fan:short circuit
18357	Control module 2 for cooling fan:fauly
18358	Radiator fan-V7:difficulty of movement/blocked
18359	Radiator fan 2:difficulty of movement/blocked
18360	Turbocharger control module:fauly
18361	Turbocharger (TC)control module 2:fauly
18362	Glow plug control module 2:electrical malfunxion
18363	Glow plug control module 2 to PCM communication circuit:range/Performance
18364	Exhaust gas temperature sensor 2 Bank 1
18365	Exhaust gas temperature sensor 2 bank 1:low
18366	Exhaust gas temperature sensor 2 bank 1:high
18367	Exhaust gas temperature sensor 2 bank 1:range/performance
18368	Exhaust gas temperature control circuit Bank 3:out of range
18369	Exhaust gas temperature sensor 2 Bank 2:electrical malfunxion
18370	Exhaust gas temperature sensor 2 Bank 2:short to ground
18371	Exhaust gas temperature sensor 2 Bank 2:high
18372	Exhaust gas temperature sensor 2 Bank 2:range/performance
18373	Exhaust gas temperature control circuit bank 4:out of range
18374	Secondary air injection pump-C-relay circuit:open circuit
18375	Secondary air injection pump-C-relay circuit:short to B+

COD.	DESCRIÇÃO DA FALHA (CONT.)
18376	Secondary air injection pump-C-relay circuit:short to ground
18377	Secondary air injection pump-C-relay circuit:electrical malfunction
18378	Secondary air injection pump-D-relay circuit:open circuit
18379	Secondary air injection pump-D-relay circuit:short to B+
18380	Secondary air injection pump-D-relay circuit:short to ground
18381	Secondary air injection pump-D-relay circuit:electrical malfunction
18382	Secondary air injection valve 3 circuit:electrical malfunction
18383	Secondary air injection valve 3 circuit:short to ground
18384	Secondary air injection valve 3 circuit:short to B+
18385	Secondary air injection valve 3 circuit:open circuit
18386	Secondary air injection valve 4 circuit:electrical malfunction
18387	Secondary air injection valve 4 circuit:short to ground
18388	Secondary air injection valve 4 circuit:short to B+
18389	Secondary air injection valve 4 circuit:open circuit
18390	Exhaust gas temperature control bank 3:range/performance
18391	Exhaust gas temperature control bank 4:range/performance
18392	Radiator fan 3:movement restricted/jammed
18393	Coolant fan control module 2:malfunction
18394	Control module for coolant fan 3 fan activation:short circuit
18395	Function restriction due to brake temperature
18396	Unknown:reason
18397	Unknown:reason
18398	Unknown:reason
18399	Unknown:reason
18400	Unknown:reason
18401	Unknown:reason
18402	Unknown:reason
18403	Unknown:reason
18404	Friction too high:code E1
18405	Friction too high:reason
18406	Friction too high:reason
18407	Friction too high:reason
18432	NOx Trap bank 1:efficiency below threshold
18433	NOx Trap bank 2:efficiency below threshold
18434	Particulate trap bank 1:efficiency below threshold
18435	Particulate trap bank 2:efficiency below threshold
18436	Intake manifold runner control bank 1:stuck open
18437	Intake manifold runner control bank 2:stuck open
18438	Intake manifold runner control bank 1:stuck closed
18439	Intake manifold runner control bank 2:stuck closed
18440	Intake manifold runner control (IMRC):electrical malfunction
18441	Intake manifold runner control (IMRC)bank 1:short to ground
18442	Intake manifold runner control (IMRC)bank 1:short to B+
18443	Intake manifold runner control (IMRC):electrical malfunction

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
18444	Intake manifold runner control (IMRC) bank 2:short to ground
18445	Intake manifold runner control (EMRC) bank 2:short to B+
18446	Sensor for intake manifold flap position bank 1:electrical malfunction
18447	Sensor for intake manifold flap position bank 1:range/performance
18448	Intake manifold runner position sensor/switch circuit Bank 1:low
18449	Intake manifold runner position sensor/switch circuit Bank 1:high
18450	Intake manifold runner position sensor/switch circuit bank 1:intermittent
18451	Sensor for intake manifold flap position bank 2:electrical malfunction
18452	Sensor for intake manifold flap position bank 2:range/performance
18453	Intake manifold runner position sensor/switch circuit bank 2:low
18454	Intake Manifold runner position sensor/switch circuit bank 2:high
18455	Intake Manifold runner position sensor/switch circuit bank 2:intermittent
18456	Evaporative emissions (EVAP)fuel vapor temperature sensor circuit
18457	Evaporative emissions (EVAP)fuel vapor temperature sensor circuit:performance
18458	Evaporative emissions (EVAP)fuel vapor temperature sensor circuit:low voltage
18459	Evaporative emissions (EVAP)fuel vapor temperature sensor circuit:high voltage
18460	Evaporative emissions (EVAP)fuel vapor temperature sensor circuit:intermittent
18461	Fuel fired heater:disabled
18462	Fuel fired heater:performance
18463	Exhaust gas temperature sensor circuit bank 1 sensor 2
18464	Exhaust gas temperature sensor circuit bank 1 sensor 2:low
18465	Exhaust gas temperature sensor circuit bank 1 sensor 2:high
18466	Exhaust gas temperature sensor circuit bank 2 sensor 2
18467	Exhaust gas temperature sensor circuit bank 2 sensor 2:low
18468	Exhaust gas temperature sensor circuit bank 2 sensor 2:high
18469	Reductant injection air pressure sensor circuit
18470	Reductant injection air pressure sensor circuit:range/performance
18471	Reductant injection air pressure sensor circuit:low input
18472	Reductant injection air pressure sensor circuit:high input
18473	Reductant injection air pressure sensor circuit:intermittent
18474	Reductant temperature sensor circuit
18475	Reductant temperature sensor circuit:range/performance
18476	Reductant temperature sensor circuit:low input
18477	Reductant temperature sensor circuit:high input
18478	Reductant temperature sensor circuit:intermittent
18479	Reductant injector circuit Bank 1 unit 1: open
18480	Reductant injector circuit Bank 1 unit 1:low
18481	Reductant injector circuit Bank 1 unit 1:high
18482	Reductant injector circuit Bank 2 unit 1:open
18483	Reductant injector circuit Bank 2 unit 1:low
18484	Reductant injector circuit Bank 2 unit 1:high
18485	Reductant injector circuit Bank 1 unit 2:open
18486	Reductant injector circuit Bank 1 unit 2:low
18487	Reductant injector circuit Bank 1 unit 2:high

COD.	DESCRIÇÃO DA FALHA (CONT.)
18488	Reductant injector circuit Bank 2 unit 2:open
18489	Reductant injector circuit Bank 2 unit 2:low
18490	Reductant injector circuit Bank 2 unit 2:high
18491	Reductant injection air pump control circuit:open
18492	Reductant injection air pump control circuit:low
18493	Reductant injection air pump control circuit:high
18494	Reductant supply control circuit:open
18495	Reductant supply control circuit:low
18496	Reductant supply control circuit:high
18497	Fuel level sensor B circuit
18498	Fuel level sensor B circuit:performance
18499	Fuel level sensor B circuit:low
18500	Fuel level sensor B circuit:high
18501	Fuel level sensor B circuit:intermittent
18502	Intake manifold tuning(IMT)valve:stuck open
18503	Intake manifold tuning(IMT)valve:stuck closed
18504	Unknown:reason
18505	Unknown:reason
18506	Unknown:reason
18507	Intake manifold tuning(IMT)valve position sensor/switch circuit
18508	Intake manifold tuning(IMT)valve position sensor/switch circuit:range/performance
18509	Intake manifold tuning(IMT)valve position sensor/switch circuit:low
18510	Intake manifold tuning(IMT)valve position sensor/switch circuit:high
18511	Intake manifold tuning(IMT)valve position sensor/switch circuit:intermittent
18512	Exhaust gas temperature sensor 1-G235:implausible signal
18513	Exhaust gas temperature sensor circuit bank 1 sensor 1:intermittent
18514	Exhaust gas temperature sensor:implausible signal
18515	Exhaust gas temperature sensor circuit Bank 2 sensor 1:intermittent
18516	Exhaust gas temperature sensor circuit Bank 1 sensor 2:range/performance
18517	Exhaust gas temperature sensor circuit Bank 1 sensor 2:intermittent
18518	Exhaust gas temperature sensor circuit Bank 2 sensor 2:range/performance
18519	Exhaust gas temperatrue sensor circuit bank 2 sensor 2:intermittent
18520	A camshaft position actuator control circuit bank 1:low
18521	A camshaft position actuator control circuit bank 1:high
18522	B camshaft position actuator control circuit bank 1:low
18523	B camshaft position actuator control circuit bank 1:high
18524	A camshaft position actuator control circuit bank 2:low
18525	A camshaft position actuator control circuit bank 2:high
18526	B camshaft position actuator control circuit bank 2:low
18527	B camshaft position actuator control circuit bank 2:high
18528	Bank 1 OXYgen sensor correction behind catalyst:lean control limit exceeded
18529	Bank 1 OXYgen sensor correction behind catalyst:rich control limit exceeded
18530	Bank 2 OXYgen sensor correction behind catalyst:lean control limit exceeded
18531	Bank 2 OXYgen sensor correction behind catalyst:rich control limit exceeded

COD.	DESCRIÇÃO DA FALHA (CONT.)
18532	Throttle actuator control motor circuit:open
18533	Throttle actuator control motor circuit:range/performance
18534	Throttle actuator control motor circuit:low
18535	Throttle actuator control motor circuit:high
18536	Throttle actuator control system:forced idle
18537	Throttle actuator control system:forced engine shutdown
18538	Throttle actuator control system:forced limited power
18539	Throttle actuator control module processor
18540	Throttle actuator control module performance
18541	Throttle/pedal position sensor A:minimum stop performance
18542	Throttle actuator control system:forced limited RPM
18543	Throttle actuator control system:stuck open
18544	Throttle actuator control system:stuck closed
18545	Throttle/pedal position sensor B:minimum stop performance
18546	Throttle/pedal position sensor C:minimum stop performance
18547	Throttle/pedal position sensor D:minimum stop performance
18548	Throttle/pedal position sensor E:minimum stop performance
18549	Throttle/pedal position sensor F:minimum stop performance
18550	Throttle actuator control motor current:range/performance
18551	Throttle actuator control throttle body:range/performance
18552	Throttle/pedal position sensor/switch D circuit
18553	Throttle/pedal position sensor/switch D circuit:range/performance
18554	Throttle/pedal position sensor/switch D circuit:low
18555	Throttle/pedal position sensor/switch D circuit:high
18556	Throttle/pedal position sensor/switch D circuit:intermittent
18557	Throttle/pedal position sensor/switch E circuit
18558	Throttle/pedal position sensor/switch E circuit:range/performance
18559	Accelerator position sensor 2-G185:low
18560	Accelerator position sensor 2-G185:high
18561	Throttle/pedal position sensor/switch E circuit:intermittent
18562	Throttle/pedal position sensor/switch F circuit
18563	Throttle/pedal position sensor/switch F circuit:range/performance
18564	Throttle/pedal position sensor/switch F circuit:low
18565	Throttle/pedal position sensor/switch F circuit:high
18566	Throttle/pedal position sensor/switch F circuit:intermittent
18567	Throttle/pedal position sensor/switch A/B voltage correlation
18568	Throttle/pedal position sensor/switch A/C voltage correlation
18569	Throttle/pedal position sensor.switch B/C voltage correlation
18570	Throttle pedal position sensors/switch-C-circuit:range/performance
18571	Throttle/pedal position sensor/switch D/F voltage correlation
18572	Throttle/pedal position sensor/switch E/F voltage correlation
18573	Exhaust gas recirculation throttle control circuit:low
18574	Exhaust gas recirculation throttle control circuit:high
18575	Exhaust gas recirculation throttle control circuit:open

COD.	DESCRIÇÃO DA FALHA (CONT.)
18576	Exhaust gas recirculation Vent control circuit:low
18577	Exhaust gas recirculation Vent control circuit:high
18578	Fuel injector (s)A supply voltage:open circuit
18579	Fuel injector Group 'A' supply voltage circuit:low
18580	Fuel injector Group 'A' supply voltage circuit:high
18581	Fuel injector Group 'A' supply voltage circuit:open
18582	Fuel injector Group 'A' supply voltage circuit:low
18583	Fuel injector Group 'A' supply voltage circuit:high
18584	Fuel injector Group 'C' supply voltage circuit:open
18585	Fuel injector Group 'C' supply voltage circuit:low
18586	Fuel injector Group 'C' supply voltage circuit:high
18587	Fuel injector Group 'D' supply voltage circuit:open
18588	Fuel injector Group 'D' supply voltage circuit:low
18589	Fuel injector Group 'D' supply voltage circuit:high
18590	Vehicle speed sensor B
18591	Vehicle speed sensor B:range/performance
18592	Vehicle speed sensor B:circuit low
18593	Vehicle speed sensor B:intermittent/erratic
18594	Vehicle speed sensor A/B:correlation
18595	Throttle/pedal position sensor A:maximum stop performance
18596	Throttle/pedal position sensor B:maximum stop performance
18597	Throttle/pedal position sensor C:maximum stop performance
18598	Throttle/pedal position sensor D:maximum stop performance
18599	Throttle/pedal position sensor E:maximum stop performance
18600	Throttle/pedal position sensor F:maximum stop performance
18601	Exhaust pressure regulator vent solenoid control circuit:open
18602	Exhaust pressure regulator vent solenoid control circuit:low
18603	Exhaust pressure regulator vent solenoid control circuit:high
18604	Throttle actuator control system:sudden high airflow detected
18605	Throttle actuator control system:high airflow adetected
18606	Throttle actuator control system:sudden low airflow detected
18607	Throttle actuator control system:low airflow detected
18608	Throttle actuator control system:idle position not learned
18609	System too lean off idle-Bank 1
18610	System too rich off idle-Bank 1
18611	System too lean off idle-Bank 2
18612	System too rich off idle-Bank 2
18613	Malfunction in cooling system
18614	Engine coolant temperature sensor 2 circuit
18615	Engine coolant temperature (ECT)sensor on radiator -G83:implausible signal
18616	Engine coolant temperature (ECT)sensor on radiator -G83:signal too small
18617	Engine coolant temperature (ECT)sensor on radiator -G83:signal too large
18618	Engine coolant temperature sensor 2 circuit:intermittent
18619	System too lean at idle - Bank 1

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
18620	System too rich at idle - Bank 1
18621	System too lean at idle - Bank 2
18622	System too rich at idle - Bank 2
18623	System too lean at higher load- Bank 1
18624	System too rich at higher load- Bank 1
18625	System too lean at higher load- Bank 2
18626	System too rich at higher load- Bank 2
18627	O2 sensor bank 1 sensor 1:signal stuck lean
18628	O2 sensor bank 1 sensor 1:signal stuck rich
18629	O2 sensor bank 2 sensor 1:signal stuck lean
18630	O2 sensor bank 2 sensor 1:signal stuck rich
18631	Intake air temperature sensor 1/2:correlation
18632	NOx sensor circuit-Bank 1
18633	NOx sensor circuit-Bank 1:range/performance
18634	NOx sensor circuit-Bank 1:low input
18635	NOx sensor circuit-Bank 1:high
18636	NOx sensor circuit-Bank 1:intermittent input
18637	NOx heater control circuit-Bank 1:open
18638	NOx heater control circuit-Bank 1:low
18639	NOx heater control circuit-Bank 1:high
18640	NOx heater control circuit-Bank 1
18641	NOx heater control circuit-Bank 1:range/performance
18642	NOx heater control circuit-Bank 1:low input
18643	NOx heater control circuit-Bank 1:high input
18644	NOx heater control circuit-Bank 1:intermittent
18645	NOx sensor circuit-Bank 2
18646	NOx sensor circuit-Bank 2:range/performance
18647	NOx sensor circuit-Bank 2:low input
18648	NOx sensor circuit-Bank 2:high input
18649	NOx sensor circuit-Bank 2:intermittent input
18650	NOx heater control circuit - Bank 2:open
18651	NOx heater control circuit - Bank 2:low
18652	NOx heater control circuit - Bank 2:high
18653	NOx heater sense circuit-Bank 2
18654	NOx heater sense circuit-Bank 2:range/performance
18655	NOx heater sense circuit-Bank 2:low input
18656	NOx heater sense circuit-Bank 2:high input
18657	NOx heater sense circuit-Bank 2:intermittent
18658	Barometric pressure circuit
18659	Barometric pressure circuit:range/performance
18660	Barometric pressure circuit:low
18661	Barometric pressure circuit:high
18662	Barometric pressure circuit:intermittent
18663	O2 sensor bank 1 sensor 1:signal circuit shorted to heater circuit

COD.	DESCRIÇÃO DA FALHA (CONT.)
18664	O2 sensor bank 1 sensor 2:signal circuit shorted to heater circuit
18665	O2 sensor bank 1 sensor 3:signal circuit shorted to heater circuit
18666	O2 sensor bank 2 sensor 1:signal circuit shorted to heater circuit
18667	O2 sensor bank 2 sensor 2:signal circuit shorted to heater circuit
18668	O2 sensor bank 2 sensor 3:signal circuit shorted to heater circuit
18669	O2 sensor positive current control circuit Bank 1 sensor 1:open circuit
18670	O2 sensor positive current control circuit Bank 1 sensor 1:low
18671	O2 sensor positive current control circuit Bank 1 sensor 1:high
18672	Linear lambda probe,exhaust gas bank 2/pump current:open circuit
18673	O2 sensor positive current control circuit Bank 2 sensor 1:low
18674	O2 sensor positive current control circuit Bank 2 sensor 1:high
18675	O2 sensor reference voltage circuit bank 2 sensor 1:open circuit
18676	O2 sensor reference voltage circuit bank 2 sensor 1:range/performance
18677	O2 sensor reference voltage circuit bank 1 sensor 1:low
18678	O2 sensor reference voltage circuit bank 1 sensor 1:high
18679	O2 sensor reference voltage circuit bank 2 sensor 1:open circuit
18680	O2 sensor reference voltage circuit bank 2 sensor 1:range/performance
18681	O2 sensor reference voltage circuit bank 2 sensor 1:low
18682	O2 sensor reference voltage circuit bank 2 sensor 1:hgh
18683	O2 sensor Negative current control circuit bank 1 sensor 1:open circuit
18684	O2 sensor negative current control circuit bank 1 sensor 1:low
18685	O2 sensor negative current control circuit bank 1 sensor 1:high
18686	O2 sensor bank 1 sensor 1,ground wire:open circuit
18687	O2 sensor negative current control circuit bank 2 sensor 1:low
18688	O2 sensor negative current control circuit bank 2 sensor 1:high
18689	Secondary air injection system control A circuit:low
18690	Secondary air injection system control A circuit:high
18691	Secondary air injection system control B circuit:low
18692	Secondary air injection system control B circuit:high
18693	Recirculation valve for turbocharger-N249:mechanical malfunction
18694	Turbo boost pressure not detected:mechanical
18695	Turbo/super charger boost system:performance
18696	Water in fuel sensor circuit
18697	Water in fuel sensor circuit:range/performance
18698	Water in fuel sensor circuit:low
18699	Water in fuel sensor circuit:high
18700	Water in fuel sensor circuit:intermittent
18701	Water in fuel condition
18702	O2 sensor signal bank 1 sensor 2:stuck lean
18703	O2 sensor signal bank 1 sensor 2:stuck rich
18704	O2 sensor signal bank 1 sensor 2:stuck lean
18705	O2 sensor signal bank 1 sensor 2:stuck rich
18706	O2 sensor signal bank 1 sensor 3:stuck lean
18707	O2 sensor signal bank 1 sensor 3:stuck rich

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
18708	O2 sensor signal bank 2 sensor 3:stuck lean
18709	O2 sensor signal bank 2 sensor 3:stuck rich
18710	O2 sensor signal swapped bank 1 sensor 3/bank 2 sensor 3
18711	Leak in intake system
18712	Air flow restriction /Air leak between air filter and MAF
18713	Air leak between MAF and throttle body
18714	Air leak between throttle body and intake valves
18715	Injector control pressure sensor circuit
18716	Injector control pressure sensor circuit:range/performance
18717	Injector control pressure sensor circuit:low
18718	Injector control pressure sensor circuit:high
18719	Injector control pressure sensor circuit:intermittent
18720	Injector control pressure:too high
18721	Injector control pressure:too high-engine off
18722	Injector control pressure:too low
18723	Injector control pressure:too low-engine cranking
18724	injector control pressure:erratic
18725	Fuel pressure regulator valve-N276:mechanical malfunction
18726	Fuel pressure regulator Valve-N276:open circuit
18727	Fuel pressure regulator Valve-N276:short to ground
18728	Fuel pressure regulator Valve-N276:short to B+
18729	Exhaust bank 1 sensor 1 Oxygen sensor signal voltage during deceleration:control limit exceeded
18730	Exhaust bank 2 sensor 1 Oxygen sensor signal voltage during deceleration:control limit exceeded
18731	Brake pedal position/Accelerator pedal position:incompatible
18732	Ignition coil A primary control circuit:low
18733	Ignition coil A primary control circuit:high
18734	Ignition coil A secondary circuit
18735	Ignition coil B primary control circuit:low
18736	Ignition coil B primary control circuit:high
18737	Ignition coil B secondary circuit
18738	Ignition coil C primary control circuit:low
18739	Ignition coil C primary control circuit:high
18740	Ignition coil C secondary circuit
18741	Ignition coil D primary control circuit:low
18742	Ignition coil D primary control circuit:high
18743	Ignition coil D secondary circuit
18744	Ignition coil E primary control circuit:low
18745	Ignition coil E primary control circuit:high
18746	Ignition coil E secondary circuit
18747	Ignition coil F primary control circuit:low
18748	Ignition coil F primary control circuit:high
18749	Ignition coil F secondary circuit
18750	Ignition coil G primary control circuit:low
18751	Ignition coil G primary control circuit:high

COD.	DESCRIÇÃO DA FALHA (CONT.)
18752	Ignition coil G secondary circuit
18753	Ignition coil H primary control circuit:low
18754	Ignition coil H primary control circuit:high
18755	Ignition coil H secondary circuit
18756	Ignition coil I primary control circuit:low
18757	Ignition coil I primary control circuit:high
18758	Ignition coil I secondary circuit
18759	Ignition coil J primary control circuit:low
18760	Ignition coil J primary control circuit:high
18761	Ignition coil J secondary circuit
18762	Ignition coil K primary control circuit:low
18763	Ignition coil K primary control circuit:high
18764	Ignition coil K secondary circuit
18765	Ignition coil L primary control circuit:low
18766	Ignition coil L primary control circuit:high
18767	Ignition coil L secondary circuit
18768	Cylinder 1:above knock threshold
18769	Cylinder 2:above knock threshold
18770	Cylinder 3:above knock threshold
18771	Cylinder 4:above knock threshold
18772	Cylinder 5:above knock threshold
18773	Cylinder 6:above knock threshold
18774	Cylinder 7:above knock threshold
18775	Cylinder 8:above knock threshold
18776	Cylinder 9:above knock threshold
18777	Cylinder 10:above knock threshold
18778	Cylinder 11:above knock threshold
18779	Cylinder 12:above knock threshold
18832	Evaporative emission system leak detection pump control circuit:open
18833	Evaporative emission system leak detection pump control circuit:low
18834	Evaporative emission system leak detection pump control circuit:high
18835	Evaporative emission system leak detection pump sense circuit:open
18836	Evaporative emission system leak detection pump sense circuit:range/performance
18837	Evaporative emission system leak detection pump sense circuit:low
18838	Evaporative emission system leak detection pump sense circuit:high
18839	Evaporative emission system leak detection pump sense circuit:intermittent/erratic
18840	Fuel cap sensor/switch circuit
18841	Fuel cap sensor/switch circuit:range/performance
18842	Fuel cap sensor/switch circuit:low
18843	Fuel cap sensor/switch circuit:high
18844	Fuel cap sensor/switch circuit:intermittent/erratic
18845	Exhaust gas recirculation system:performance
18846	Bank 1 probe 1:voltage too low/leakage air
18847	Bank 2 probe 1:voltage too low/leakage air

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
18848	Exhaust Bank 1 Oxygen sensors before and behind main catalyst swapped
18849	Exhaust Bank 2 Oxygen sensors before and behind main catalyst swapped
18850	Evaporative emission system switching valve control circuit:open
18851	Evaporative emission system switching valve control circuit:low
18852	Evaporative emission system switching valve control circuit:high
18853	Tank vent sys,EVAP canister purge solenoid valve-N115:stuck open
18854	Tank vent sys,EVAP canister purge solenoid valve-N115:stuck closed
18855	HC adsorption catalyst Bank 1:efficiency below threshold
18856	HC adsorption catalyst Bank 2:efficiency below threshold
18857	Exhaust gas recirculation (EGR)cooler switch-Over valve:open
18858	Exhaust gas recirculation (EGR)cooler switch-Over valve:short to B+
18859	Exhaust gas recirculation (EGR)cooler switch-Over valve:short to ground
18860	Exhaust gas temperature-Bank 1:too high
18861	Exhaust gas temperature-Bank 2:too high
18862	Secondary air injection system air flow/pressure sensor circuit bank 1
18863	Secondary air injection system air flow/pressure sensor circuit bank 1:range/performance
18864	Secondary air injection system air flow/pressure sensor circuit bank 1:low
18865	Secondary air injection system air flow/pressure sensor circuit bank 1:high
18866	Secondary air injection system air flow/pressure sensor circuit bank 1:intermittent
18867	Secondary air injection system air flow/pressure sensor circuit bank 2
18868	Secondary air injection system air flow/pressure sensor circuit bank 2:range/performance
18869	Secondary air injection system air flow/pressure sensor circuit bank 2:low
18870	Secondary air injection system air flow/pressure sensor circuit bank 2:high
18871	Secondary air injection system air flow/pressure sensor circuit bank 2:intermittent
18872	Secondary air injection system switch Valvebank 1:stuck open
18873	Secondary air injection system switch Valvebank 1:stuck closed
18874	Secondary air injection system switch Valvebank 2:stuck open
18875	Secondary air injection system switch Valvebank 2:stuck closed
18876	Secondary air injection system pump bank 1:stuck on
18877	Secondary air injection system pump bank 1:stuck off
18878	Secondary air injection system pump bank 2:stuck on
18879	Secondary air injection system pump bank 2:stuck off
18932	Generator lamp/L-Terminal circuit:low
18933	Generator lamp/L-Terminal circuit:high
18934	Charging system voltage
18935	Charging system voltage:low
18936	Charging system voltage:high
18937	ECM/PCM power input signal
18938	ECM/PCM power input signal:range/performance
18939	ECM/PCM power input signal:low
18940	ECM/PCM power input signal:high
18941	ECM/PCM power input signal:intermittent
18942	ECM/PCM power relay sense circuit:range/performance
18943	ECM/PCM power relay sense circuit:intermittent

COD.	DESCRIÇÃO DA FALHA (CONT.)
18944	Event data recorder request circuit:open
18945	Event data recorder request circuit:low
18946	Event data recorder request circuit:high
18947	A/C refrigerant pressure sensor B circuit
18948	A/C refrigerant pressure sensor B circuit:range/performance
18949	A/C refrigerant pressure sensor B circuit:low
18950	A/C refrigerant pressure sensor B circuit:high
18951	A/C request A circuit
18952	A/C request A circuit:low
18953	A/C request A circuit:high
18954	A/C request B circuit
18955	A/C request B circuit:low
18956	A/C request B circuit:high
18957	Vacuum reservoir pressure sensor circuit
18958	Vacuum reservoir pressure sensor circuit:range/performance
18959	Vacuum reservoir pressure sensor circuit:low
18960	Vacuum reservoir pressure sensor circuit:high
18961	Vacuum reservoir pressure sensor circuit:intermittent
18962	Ignition switch run position circuit
18963	Ignition switch run position circuit:low
18964	Ignition switch run position circuit:high
18965	Ignition/starter lock circuit:open or short to ground
18966	Ignition switch run/start position circuit:low
18967	Ignition/starter lock circuit:short to B+
18968	Ignition switch accessory position circuit
18969	Ignition switch accessory position circuit:low
18970	Ignition switch accessory position circuit:high
18971	Low fuel pressure sensor -G410:open circuit
18972	Low fuel pressure sensor -G410:implausible signal
18973	Low fuel pressure sensor -G410:short to ground
18974	Low fuel pressure sensor -G410:short to B+
18975	Low fuel pressure sensor circuit:intermittent
18976	Torque management request input signal A
18977	Torque management request input signal A:range/performance
18978	Torque management request input signal A:low
18979	Torque management request input signal A:high
18980	Torque management request input signal B
18981	Torque management request input signal B:range/performance
18982	Torque management request input signal B:low
18983	Torque management request input signal B:high
18984	Throttle/Fuel inhibit circuit
18985	Throttle/Fuel inhibit circuit:range/performance
18986	Throttle/Fuel inhibit circuit:low
18987	Throttle/Fuel inhibit circuit:high

COD.	DESCRIÇÃO DA FALHA (CONT.)
18988	Engine coolant level sensor/switch circuit
18989	Engine coolant level sensor/switch circuit:range/performance
18990	Engine coolant level sensor/switch circuit:low
18991	Engine coolant level sensor/switch circuit:high
18992	Engine coolant level:low
18993	A/C control Module:requested MIL illumination
18994	Turbocharger boost control position sensor circuit
18995	Turbocharger boost control position sensor circuit:range/performance
18996	Turbocharger boost control position sensor circuit:low
18997	Turbocharger boost control position sensor circuit:high
18998	Turbocharger boost control position sensor circuit:intermittent
18999	Direct Ozone reduction catalyst temperature sensor circuit
19000	Direct Ozone reduction catalyst temperature sensor circuit:range/performance
19001	Direct Ozone reduction catalyst temperature sensor circuit:low
19002	Direct Ozone reduction catalyst temperature sensor circuit:high
19003	Direct Ozone reduction catalyst temperature sensor circuit:intermittent/erratic
19004	Direct Ozone reduction catalyst deterioration sensor circuit
19005	Direct Ozone reduction catalyst deterioration sensor circuit:range/performance
19006	Direct Ozone reduction catalyst deterioration sensor circuit:low
19007	Direct Ozone reduction catalyst deterioration sensor circuit:high
19008	Direct Ozone reduction catalyst deterioration sensor circuit:intermittent/erratic
19009	Direct Ozone reduction catalyst:efficiency below threshold
19032	Coolant pump control circuit:open
19033	Coolant pump control circuit:range/performance
19034	Coolant pump control circuit:low
19035	Coolant pump control circuit:high
19036	Intake air heater A circuit:range/performance
19037	Intake air heater A circuit:open
19038	Intake air heater B circuit:range/performance
19039	Intake air heater B circuit:low
19040	Intake air heater B circuit:high
19041	Intake air heater system:performance
19042	ECM/PCM internal engine off timer:performance
19043	A/C refrigerant distribution valve control circuit:open
19044	A/C refrigerant distribution valve control circuit:low
19045	A/C refrigerant distribution valve control circuit:high
19046	Camshaft position signal output circuit:open
19047	Camshaft position signal output circuit:low
19048	Camshaft position signal output circuit:high
19049	Crankshaft position signal output circuit:open
19050	Crankshaft position signal output circuit:low
19051	Crankshaft position signal output circuit:high
19052	Throttle position output circuit:open
19053	Throttle position output circuit:low

COD.	DESCRIÇÃO DA FALHA (CONT.)
19054	Throttle position output circuit:high
19055	Injector control pressure regulator circuit:open
19056	Injector control pressure regulator circuit:low
19057	Injector control pressure regulator circuit:high
19058	Linear Oxygen sensor bank 1/compensation wire pump current:open circuit
19059	O2 sensor pumping current trim circuit bank 1 sensor 1:low
19060	O2 sensor pumping current trim circuit bank 1 sensor 1:high
19061	Linear Oxygen sensor bank 2/compensation wire pump current:open circuit
19062	O2 sensor pumping current trim circuit bank 2 sensor 1:low
19063	O2 sensor pumping current trim circuit bank 2 sensor 1:high
19064	Fuel pump B control circuit:open
19065	Fuel pump B control circuit:low
19066	Fuel pump B control circuit:high
19067	Fuel pump A:low/performance
19068	Fuel pump B:low/performance
19069	Engine torque signal A
19070	Torque management feedback signal A:range/performance
19071	Torque management feedback signal A:low
19072	Torque management feedback signal A:high
19073	Torque management feedback signal B
19074	Torque management feedback signal B:range/performance
19075	Torque management feedback signal B:low
19076	Torque management feedback signal B:high
19077	A rocker arm actuator control circuit bank 1:open
19078	A rocker arm actuator control circuit bank 1:performance or stuck off
19079	A rocker arm actuator control circuit bank 1:stuck on
19080	A rocker arm actuator control circuit Bank 1:low
19081	A rocker arm actuator control circuit Bank 1:high
19082	B rocker arm actuator control circuit Bank 1:open
19083	B rocker arm actuator system bank 1:performance or stuck off
19084	B rocker arm actuator system bank 1:stuck on
19085	B rocker arm actuator control circuit bank 1:low
19086	B rocker arm actuator control circuit bank 1:high
19087	A rocker arm actuator control circuit bank 2:open
19088	A rocker arm actuator control circuit bank 2:performance or stuck off
19089	A rocker arm actuator control circuit bank 2:stuck on
19090	A rocker arm actuator control circuit bank 2:low
19091	A rocker arm actuator control circuit bank 2:high
19092	B rocker arm actuator control circuit bank 2:open
19093	B rocker arm actuator system bank 2:performance or stuck off
19094	B rocker arm actuator system bank 2:stuck on
19095	B rocker arm actuator control circuit bank 2:low
19096	B rocker arm actuator control circuit bank 2:high
19097	Fuel shutoff valve B control circuit:open

COD.	DESCRIÇÃO DA FALHA (CONT.)
19098	Fuel shutoff valve B control circuit:low
19099	Fuel shutoff valve B control circuit:high
19100	Fuel mode indicator lamp control circuit
19101	Actuator supply voltage B circuit:open
19102	Actuator supply voltage B circuit:low
19103	Actuator supply voltage B circuit:high
19132	Transmission friction element A apply time:range/performance
19133	Transmission friction element B apply time:range/performance
19134	Transmission friction element C apply time:range/performance
19135	Transmission friction element D apply time:range/performance
19136	Transmission friction element E apply time:range/performance
19137	Transmission friction element F apply time:range/performance
19138	Shift solenoid F
19139	Shift solenoid F:performance or stuck off
19140	Shift solenoid F:open/short to B+
19141	Shift solenoid F:electrical
19142	Shift solenoid F:intermittent
19143	Implausible transmission shift sequence
19144	Hydraulic power unit leakage
19145	Pressure control solenoid D
19146	Pressure control solenoid D:performance or stuck off
19147	Pressure control solenoid 4:short to B+
19148	Pressure control solenoid D:electrical
19149	Pressure control solenoid 4:open circuit
19150	Pressure control solenoid D control circuit:open
19151	Pressure control solenoid D control circuit:range/performance
19152	Pressure control solenoid D control circuit:low
19153	Pressure control solenoid D control circuit:high
19154	Pressure control solenoid E
19155	Pressure control solenoid E:performance or stuck off
19156	Pressure control solenoid 5:short to B+
19157	pressure control solenoid E:elctrical
19158	Pressure control solenoid 5:open circuit
19159	Pressure control solenoid E control circuit:open
19160	Pressure control solenoid E control circuit:range/performance
19161	Pressure control solenoid E control circuit:low
19162	Pressure control solenoid E control circuit:high
19163	Pressure control solenoid F
19164	Pressure control solenoid F:performance of stuck off
19165	Pressure control solenoid 6:short to B+
19166	Pressure control solenoid F:electrical
19167	pressure control solenoid 6:open circuit
19168	Pressure control solenoid F control circuit:open
19169	Pressure control solenoid F control circuit:range/performance

COD.	DESCRIÇÃO DA FALHA (CONT.)
19170	Pressure control solenoid F control circuit:low
19171	Pressure control solenoid F control circuit:high
19172	Transmission fluid temperature sensor B circuit
19173	Transmission fluid temperature sensor B circuit:range/performance
19174	Transmission fluid temperature sensor B circuit:low
19175	Transmission fluid temperature sensor B circuit:high
19176	Transmission fluid temperature sensor B circuit:intermittent
19177	Intermediate shaft speed sensor B circuit
19178	Intermediate shaft speed sensor B circuit:range/performance
19179	Intermediate shaft speed sensor B circuit:no signal
19180	Intermediate shaft speed sensor B circuit:intermittent
19181	Intermediate shaft speed sensor C circuit
19182	Intermediate shaft speed sensor C circuit:range/performance
19183	Intermediate shaft speed sensor C circuit:no signal
19184	Intermediate shaft speed sensor C circuit:intermittent
19185	Transmission fluid cooler control circuit:open
19186	Transmission fluid cooler control circuit:low
19187	Transmission fluid cooler control circuit:high
19188	Torque converter clutch pressure control solenoid
19189	Torque converter clutch pressure control solenoid control circuit:performance or stuck off
19190	Torque converter clutch pressure control solenoid control circuit:stuck on
19191	Torque converter clutch pressure control solenoid control circuit:electrical
19192	Torque converter clutch pressure control solenoid control circuit:intermittent
19193	Torque converter clutch pressure control solenoid control circuit:open
19194	Torque converter clutch pressure control solenoid control circuit:range/performance
19195	Torque converter clutch pressure control solenoid control circuit:high
19196	Torque converter clutch pressure control solenoid control circuit:low
19197	Input/turbine speed sensor B circuit
19198	Input/turbine speed sensor B circuit:range/performance
19199	Input/turbine speed sensor B circuit:no signal
19200	Input/turbine speed sensor B circuit:intermittent
19201	Torque converter clutch circuit:low
19202	Torque converter clutch circuit:high
19203	Four wheel drive (4WD) low switch circuit
19204	Four wheel drive (4WD) low switch circuit:range/performance
19205	Four wheel drive (4WD) low switch circuit:low
19206	Four wheel drive (4WD) low switch circuit:high
19207	Upshift switch circuit:range/performance
19208	Upshift switch circuit:low
19209	Upshift switch circuit:high
19210	Upshift switch circuit:intermittent/erratic
19211	Downshift switch circuit:range/performance
19212	Downshift switch circuit:low
19213	Downshift switch circuit:high

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
19214	Downshift switch circuit:intermittent/erratic
19215	Torque converter temperature:too high
19216	Input/Turbine speed sensor A/B:correlation
19217	Clutch actuator temperature:too high
19218	Gear shift actuator temperature:too high
19219	Clutch excessive temperature
19220	Auto shift manual adaptive Learning:at limit
19221	Clutch adaptation at limit
19222	Gate select direction circuit
19223	Gate select direction circuit:low
19224	Gate select direction circuit:high
19225	Gear shift Direction circuit
19226	Gear shift Direction circuit:low
19227	Gear shift Direction circuit:high
19228	Unknown:reason
19229	Unknown:reason
19230	Unknown:reason
19231	Unknown:reason
19456	Glow plug indicator light-k29:reason
19457	Operating RPM regulation:reason
19458	Kick down switch-F8:implausible signal
19459	Relay for preheating of coolant,low heat output-J359:short to B+
19460	Relay for preheating of coolant,low heat output-J359:open or short to ground
19461	Relay for preheating of coolant,high heat output-J360:short to B+
19462	Relay for preheating of coolant,high heat output-J360:open or short to ground
19463	Camshaft P position sensor-G40:no signal
19464	Camshaft P position sensor-G40:signal outside specification
19465	Relay for pump,Fuel cooling-J445:short to B+
19466	Relay for pump,Fuel cooling-J445:open or short to ground
19467	Fuel pump (FP)2 Relay-J49:short to B+
19468	Fuel pump (FP)2 Relay-J49:open or short to ground
19469	Wastegate Bypass regulator valve 2-N274:short to B+
19470	Wastegate Bypass regulator valve 2-N274:open or short to ground
19471	Fuel bypass valve-N312:short to B+
19472	Fuel Bypass valve-N312:open or short to ground
19473	Electronic differential lock-Intake valve for front left/rear right-N231:short to B+
19474	Exhaust flap valve 1-N321:short to circuit
19475	Exhaust flap valve 1-N321:open circuit
19476	Exhaust flap valve 1-N321:electrical malfunction
19477	Exhaust flap valve 1-N322:short to B+
19478	Exhaust flap valve 1-N322:short to ground
19479	Exhaust flap valve 1-N322:open circuit
19480	Exhaust flap valve 1-N322:electrical malfunction
19481	Angle sensor 1(On throttle drive 2 power accelerator actuation)-G297:implausible signal

COD.	DESCRIÇÃO DA FALHA (CONT.)
19482	Angle sensor 1(On throttle drive 2 power accelerator actuation)-G297:signal too small
19483	Angle sensor 1(On throttle drive 2 power accelerator actuation)-G297:signal too large
19484	Angle sensor 1(On throttle drive 2 power accelerator actuation)-G298:implausible signal
19485	Angle sensor 1(On throttle drive 2 power accelerator actuation)-G298:signal too small
19486	Angle sensor 1(On throttle drive 2 power accelerator actuation)-G298:signal too large
19487	Throttle drive 2(Power accelerator actuation)-G296:electical malfunction
19488	Throttle valve control module 2-J544:malfunction in basic setting
19489	Intake air temperature (IAT)sensor 2-G299:signal too small
19490	Intake air temperature (IAT)sensor 2-G299:signal too large
19491	Throttle valve control module 2-J544:mechanical malfunction
19492	Throttle valve control module 2-J544:low voltage during basic setting
19493	Throttle valve control module 2-J544:adaptation not started
19494	Throttle valve control module 2-J544:lower limit not being reached
19495	Transmission Request torque reduction:implausible
19496	Transmission ratio:implausible
19497	Data Bus powertrain:implausible engine temperature message from instrument cluster
19498	Heater regulation:implausible signal
19499	Fuel pump:mechanical malfunction
19500	Fuel pump:short circuit
19501	Fuel pump electronics:faulty
19502	Starter relay 1:electrical malfunction in circuit(relay stuck/does not switch)
19503	Activation starter relay 2:short to B+
19504	Activation starter relay 2:short to ground
19505	Activation starter relay 2:open circuit
19506	Starter relay 2:electrical malfunction in circuit(relay stuck/does not switch)
19507	Starter activation,return Message terminal 50:implausible signal
19508	Starter activation,return message terminal 50:short to B+
19509	Starter activation,return message terminal 50:short to ground/open circuit
19510	Starter does not run:mechanically blocked or mechanical malfunction
19511	Exhaust pressure sensor
19512	Exhaust pressure sensor:low
19513	Exhaust pressure sensor 2:high
19514	Exhaust gas recirculation flow 2:insufficient detected
19515	Exhaust gas recirculation flow:excessive detected
19516	Cooling bypass valve,Exhaust gas recirculation flow:electrical
19517	Cooling bypass valve 2,exhaust gas recirculation flow:electrical
19518	Turbo/super charger:over-boost condition
19519	Turbo/super charger:under-boost condition
19520	Turbo/super charger wastegate solenoid-C-:electrical
19521	Turbo/super charger wastegate solenoid-C-:low
19522	Turbo/super charger wastegate solenoid-A-:high
19523	Turbo/super charger wastegate solenoid-D-:electrical
19524	Turbo/super charger wastegate solenoid-D-:low
19525	Turbo/super charger wastegate solenoid-D-:high

COD.	DESCRIÇÃO DA FALHA (CONT.)
19526	Metering pump for cleaning solution:fauly
19527	Additive tank for particle filter:empty
19528	Voltage supply relay:electrical malfunction
19529	Fuel pump circuit:electrical malfunction
19530	Fuel pump 2 circuit:electrical malfunction
19537	Engine temperature:too low
19548	Internal control module memory:checksum error
19549	Internal control module memory:checksum error
19550	Internal control module memory:checksum error
19551	Internal control module memory:checksum error
19552	Internal control module memory:checksum error
19553	Internal control module memory:checksum error
19554	Internal control module memory:checksum error
19555	Internal control module memory:checksum error
19556	Motor for intake flap-V157:short to B+
19557	Motor for intake flap-V157:open or short to ground
19558	Motor for intake flap-V157:no signal
19559	Motor for intake flap-V157:fauly
19560	Change-over valve for intake manifold flap-N239:short to B+
19561	Change-over valve for intake manifold flap-N239:open or short to ground
19562	Cylinder 7 pump/injector-N303:implausible signal
19563	Cylinder 7 pump/injector-N303:control limit exceeded
19564	Cylinder 7 pump/injector-N303:lower control limit exceeded
19565	Cylinder 7 pump/injector-N303:electrical malfunction
19566	Cylinder 8 pump/injector-N304:implausible signal
19567	Cylinder 8 pump/injector-N304:control limit exceeded
19568	Cylinder 8 pump/injector-N304:lower control limit exceeded
19569	Cylinder 8 pump/injector-N304:electrical malfunction
19570	Cylinder 9 pump/injector-N305:implausible signal
19571	Cylinder 9 pump/injector-N305:control limit exceeded
19572	Cylinder 9 pump/injector-N305:lower control limit exceeded
19573	Cylinder 9 pump/injector-N305:electrical malfunction
19574	Cylinder 10 pump/injector-N306:implausible signal
19575	Cylinder 10 pump/injector-N306:control limit exceeded
19576	Cylinder 10 pump/injector-N306:lower control limit exceeded
19577	Cylinder 10 pump/injector-N306:electrical malfunction
19578	Cylinder 11 pump/injector-N307:implausible signal
19579	Cylinder 11 pump/injector-N307:control limit exceeded
19580	Cylinder 11 pump/injector-N307:lower control limit exceeded
19581	Cylinder 11 pump/injector-N307:electrical malfunction
19582	Cylinder 12 pump/injector-N308:implausible signal
19583	Cylinder 12 pump/injector-N308:control limit exceeded
19584	Cylinder 12 pump/injector-N308:lower control limit exceeded
19585	Cylinder 12 pump/injector-N308:electrical malfunction

COD.	DESCRIÇÃO DA FALHA (CONT.)
19586	Exhaust gas recirculation (EGR)system regulation:control limit exceeded
19587	Exhaust gas recirculation (EGR)system regulation:lowest control limit exceeded
19588	Automotive glow time control module 2,electrical circuit:electrical malfunction
19589	Automotive glow time control relay 2-J609:implausible signal
19590	Intake manifold runner control(IMRC):upper stop not reached
19591	Intake manifold runner control(IMRC):lower stop not reached
19592	Intake manifold runner control(IMRC):specified value not reached
19593	Intake manifold runner control(IMRC):basic setting not carried out
19594	Intake manifold runner control(IMRC):deviation
19595	Intake manifold runner control(IMRC):signal outside tolerance
19596	Valve for starting with empty tank-Nxxx:open or short to ground
19597	Valve for starting with empty tank-Nxxx:short to B+
19598	Exhaust bank 2 sensor 1 Oxygen sensor signal:implausibly lean
19599	Exhaust bank 2 sensor 1 Oxygen sensor signal:implausibly rich
19600	Exhaust bank 3 sensor 1 Oxygen sensor signal:implausibly lean
19601	Exhaust bank 3 sensor 1 Oxygen sensor signal:implausibly rich
19602	Exhaust bank 4 sensor 1 Oxygen sensor signal:implausibly lean
19603	Exhaust bank 4 sensor 1 Oxygen sensor signal:implausibly rich
19604	Exhaust bank 3 Oxygen sensor before catalyst,heater circuit:regulation at upper limit
19605	Exhaust bank 3 Oxygen sensor before catalyst,heater circuit:regulation at lower limit
19606	Exhaust bank 4 Oxygen sensor before catalyst,heater circuit:regulation at upper limit
19607	Exhaust bank 4 Oxygen sensor before catalyst,heater circuit:regulation at lower limit
19608	Exhaust bank 3 sensor 1:inner resistance implausible
19609	Exhaust bank 3 sensor 1:inner resistance implausible
19610	Activation intake manifold runner bank 2 control circuit:open
19611	Exhaust bank 3 sensor 1:voltage too low or air leak
19612	Exhaust bank 4 sensor 1:voltage too low or air leak
19613	Exhaust bank 1 sensor 1 Oxygen sensor signal:voltage too low during deceleration
19614	Exhaust bank 2 sensor 1 Oxygen sensor signal:voltage too low during deceleration
19615	Exhaust bank 3 sensor 1 Oxygen sensor signal:voltage too low during deceleration
19616	Exhaust bank 4 sensor 1 Oxygen sensor signal:voltage too low during deceleration
19617	Linear Oxygen sensor Exhaust bank 1,compensation wire pump current:open circuit
19618	Linear Oxygen sensor exhaust bank 2,compensation wire pump current:open circuit
19619	Linear Oxygen sensor exhaust bank 3,compensation wire pump current:open circuit
19620	Linear Oxygen sensor exhaust bank 4,compensation wire pump current:open circuit
19621	Exhaust bank 3 Oxygen sensor correction behind catalyst:lean control limit exceeded
19622	Exhaust bank 3 Oxygen sensor correction behind catalyst:rich control limit exceeded
19623	Exhaust bank 4 Oxygen sensor correction behind catalyst:lean control limit exceeded
19624	Exhaust bank 4 Oxygen sensor correction behind catalyst:rich control limit exceeded
19625	Exhaust bank 3 main catalyst:effectiveness too low
19626	Exhaust bank 4 main catalyst:effectiveness too low
19627	Exhaust bank 1 mixture adaptation range 3:lean limit not reached
19628	Exhaust bank 1 mixture adaptation range 3:rich limit exceeded
19629	Exhaust bank 2 mixture adaptation range 3:lean limit not reached

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
19630	Exhaust bank 2 mixture adaptation range 3:rich limit exceeded
19631	Exhaust bank 3 mixture adaptation range 3:lean limit not reached
19632	Exhaust bank 3 mixture adaptation range 3:rich limit exceeded
19633	Exhaust bank 4 mixture adaptation range 3:lean limit not reached
19634	Exhaust bank 4 mixture adaptation range 3:rich limit exceeded
19635	Cylinder 13 fuel injector circuit:low
19636	Cylinder 13 fuel injector circuit:short to B+
19637	Cylinder 13 fuel injector circuit:open circuit
19638	Cylinder 14 fuel injector circuit:low
19639	Cylinder 14 fuel injector circuit:short to B+
19640	Cylinder 14 fuel injector circuit:open circuit
19641	Cylinder 15 fuel injector circuit:low
19642	Cylinder 15 fuel injector circuit:short to B+
19643	Cylinder 15 fuel injector circuit:open circuit
19644	Cylinder 16 fuel injector circuit:low
19645	Cylinder 16 fuel injector circuit:short to B+
19646	Cylinder 16 fuel injector circuit:open circuit
19647	Intake manifold runner bank 1 control:basic setting aborted mechanical limit open
19648	Intake manifold runner bank 1 control:basic setting aborted mechanical limit closed
19649	Intake manifold runner bank 1 control circuit:open limit outside valid range
19650	Mass or volume Air flow 3 circuit:low input
19651	Mass or volume air flow 3 circuit:high input
19652	Mass or volume Air flow 4 circuit:low input
19653	Mass or volume air flow 4 circuit:high input
19654	Activation,intake manifold runner Bank 1 control:range/performance
19655	Activation,intake manifold runner Bank 2 control:range/performance
19656	Bank 3 Oxygen sensor 1 heater circuit:short to ground
19657	Bank 3 Oxygen sensor 1 heater circuit:short to B+
19658	Bank 3 Oxygen sensor 1 heater circuit:open circuit
19659	Bank 3 Oxygen sensor 1 heater circuit:electrical malfunction
19660	Oxygen sensor bank 3 sensor 1:internal resistance too large
19661	Oxygen sensor bank 3 sensor 1:voltage too low
19662	Oxygen sensor bank 3 sensor 1:voltage too high
19663	Oxygen sensor bank 3 sensor 1:electrical malfunction
19664	Oxygen sensor bank 3 sensor 1:no activity
19665	Oxygen sensor bank 3 sensor 1:signal too slow
19666	Oxygen sensor bank 3 sensor 1 heating circuit:performance too low
19667	Oxygen sensor bank 1 sensor 1:heater return connection
19668	Oxygen sensor bank 2 sensor 1:heater return connection
19669	Oxygen sensor bank 3 sensor 1:heater return connection
19670	Oxygen sensor bank 4 sensor 1:heater return connection
19671	Oxygen sensor bank 3 sensor 2 heater circuit:short to ground
19672	Oxygen sensor bank 3 sensor 2 heater circuit:short to B+
19673	Oxygen sensor bank 3 sensor 2 heater circuit:open

COD.	DESCRIÇÃO DA FALHA (CONT.)
19674	Oxygen sensor bank 3 sensor 2 heater circuit:electrical malfunction
19675	Oxygen sensor bank 3 sensor 2:internal resistance too high
19676	Oxygen sensor bank 3 sensor 2:voltage too low
19677	Oxygen sensor bank 3 sensor 2:voltage too high
19678	Oxygen sensor bank 3 sensor 2:electrical malfunction
19679	Oxygen sensor bank 3 sensor 2:no activity
19680	Oxygen sensor bank 3 sensor 2:signal too slow
19681	Bank 3,O2 correction behind catalyst,B1:limit attained
19682	Bank 4,O2 correction behind catalyst,B1:limit attained
19683	Exhaust bank 1 sensor 1 Individual cylinder control:sensor dynamic too low
19684	Exhaust bank 1 sensor 1 O2 sensor signal:implausibly lean
19685	Exhaust bank 1 sensor 1 O2 sensor signal:implausibly rich
19686	Exhaust bank 4 sensor 1 heater circuit:short to ground
19687	Exhaust bank 4 sensor 1 heater circuit:short to B+
19688	Exhaust bank 4 sensor 1 heater circuit:open
19689	Exhaust bank 4 sensor 1 heater circuit:electrical malfunction
19690	Exhaust bank 4 sensor 1 heater circuit:internal resistance too large
19691	Exhaust bank 4 sensor 1 heater circuit:voltage too low
19692	Exhaust bank 4 sensor 1 heater circuit:voltage too high
19693	Exhaust bank 4 sensor 1:electrical malfunction
19694	Exhaust bank 4 sensor 1 heater circuit:no activity
19695	Exhaust bank 4 sensor 1 heater circuit:signal too slow
19696	Exhaust bank 4 sensor 1 heater circuit:performance too low
19697	Intake manifold runner bank 1:high temperature
19698	Intake manifold runner bank 2:high temperature
19699	Idle speed control throttle position:electrical malfunction
19700	Idle speed control throttle position 2:electrical malfunction
19701	Exhaust bank 4 sensor 2 heater circuit:short to ground
19702	Exhaust bank 4 sensor 2 heater circuit:short to B+
19703	Exhaust bank 4 sensor 2 heater circuit:open
19704	Exhaust bank 4 sensor 2 heater circuit:electrical malfunction
19705	Exhaust bank 4 sensor 2 heater circuit:internal resistance too high
19706	Exhaust bank 4 sensor 2:voltage too low
19707	Exhaust bank 4 sensor 2:voltage too high
19708	Exhaust bank 4 sensor 2:electrical malfunction
19709	Exhaust bank 4 sensor 2:no activity
19710	Exhaust bank 4 sensor 2:signal too slow
19711	Exhaust bank 1 Oxygen sensor before catalyst,heating circuit:regulation at upper limit
19712	Exhaust bank 1 Oxygen sensor before catalyst,heating circuit:regulation at lower limit
19713	Exhaust bank 2 Oxygen sensor before catalyst,heating circuit:regulation at upper limit
19714	Exhaust bank 2 Oxygen sensor before catalyst,heating circuit:regulation at lower limit
19716	Exhaust bank 1/2 Oxygen sensors before catalyst swapped
19717	Exhaust bank 3/4 Oxygen sensors before catalyst swapped
19718	Exhaust bank 1/2 Oxygen sensors behind catalyst swapped

COD.	DESCRIÇÃO DA FALHA (CONT.)
19719	Exhaust bank 3/4 Oxygen sensors behind catalyst swapped
19720	Pre-catalytic converter exhaust bank 3:effectiveness too low
19721	Pre-catalytic converter exhaust bank 4:effectiveness too low
19722	Bank 1 sensor 1:internal resistance too high
19723	Bank 2 sensor 1:internal resistance implausible
19724	Linear Oxygen sensor Exhaust bank 2/pump current:open circuit
19725	Linear Oxygen sensor Exhaust bank 2/pump current:short to ground
19726	Linear Oxygen sensor Exhaust bank 2/pump current:short to B+
19727	Linear Oxygen sensor exhaust bank 2/reference voltage:open circuit
19728	Linear Oxygen sensor exhaust bank 2/reference voltage:short to ground
19729	Linear Oxygen sensor exhaust bank 2/reference voltage:short to B+
19730	Linear Oxygen sensor exhaust bank 2/reference voltage:implausible
19731	Linear Oxygen sensor exhaust bank 2/common ground wire:open circuit
19732	Linear Oxygen sensor exhaust bank 2/common ground wire:short to ground
19733	Linear Oxygen sensor exhaust bank 2/common ground wire:short to B+
19734	Linear Oxygen sensor exhaust bank 3/pump current:open circuit
19735	Linear Oxygen sensor exhaust bank 3/pump current:short to ground
19736	Linear Oxygen sensor exhaust bank 3/pump current:short to B+
19737	Linear Oxygen sensor exhaust bank 3/reference voltage:open circuit
19738	Linear Oxygen sensor exhaust bank 3/reference voltage:short to ground
19739	Linear Oxygen sensor exhaust bank 3/reference voltage:short to B+
19740	Linear Oxygen sensor exhaust bank 3/reference voltage:implausible
19741	Linear Oxygen sensor exhaust bank 3/common ground wire:open circuit
19742	Linear Oxygen sensor exhaust bank 3/common ground wire:short to ground
19743	Linear Oxygen sensor exhaust bank 3/common ground wire:short to B+
19744	Linear Oxygen sensor Exhaust bank 4/pump current:open circuit
19745	Linear Oxygen sensor Exhaust bank 4/pump current:short to ground
19746	Linear Oxygen sensor Exhaust bank 4/pump current:short to B+
19747	Linear Oxygen sensor exhaust bank 4/reference voltage:open circuit
19748	Linear Oxygen sensor exhaust bank 4/reference voltage:short to ground
19749	Linear Oxygen sensor exhaust bank 4/reference voltage:short to B+
19750	Linear Oxygen sensor exhaust bank 4/reference voltage:implausible
19751	Linear Oxygen sensor exhaust bank 4/common ground wire:open circuit
19752	Linear Oxygen sensor exhaust bank 4/common ground wire:short to ground
19753	Linear Oxygen sensor exhaust bank 4/common ground wire:short to B+
19754	Catalyst system exhaust bank 3:effectiveness too low
19755	Catalyst system exhaust bank 4:effectiveness too low
19756	Bank 1 camshaft position (CMP)=>sensor 3-G300:short to ground
19757	Bank 1 camshaft position (CMP)=>sensor 3-G300:open or short to B+
19758	Bank 2 camshaft position (CMP)=>sensor 4-G301:short to ground
19759	Bank 2 camshaft position (CMP)=>sensor 4-G301:open or short to B+
19760	Bank 1 exhaust camshaft position (CMP)sensor-G300/-G28:incorrect allocation
19761	Bank 2 exhaust camshaft position (CMP)sensor-G301/-G28:incorrect allocation
19762	Ignition activation cylinder 13:short to ground

COD.	DESCRIÇÃO DA FALHA (CONT.)
19763	Ignition activation cylinder 13:short to B+
19764	Ignition activation cylinder 13:open circuit
19765	Ignition activation cylinder 14:short to ground
19766	Unknown:short to B+
19767	Ignition activation cylinder 14:open circuit
19768	Ignition activation cylinder 15:short to ground
19769	Ignition activation cylinder 15:short to B+
19770	Ignition activation cylinder 15:open circuit
19771	Ignition activation cylinder 16:short to ground
19772	Ignition activation cylinder 16:short to B+
19773	Ignition activation cylinder 16:open circuit
19774	Glow plug/heater relay 2 circuit:short to B+
19775	Glow plug/heater relay 2 circuit:open or short to ground
19776	Activation 2-Unit injector valve:short to B+
19777	Activation 2-Unit injector valve:electrical malfunction
19778	Relay 2 for power supply (B+)terminal 30:range/performance
19779	Power supply (B+)terminal 15:voltage too high
19780	Power supply (B+)terminal 15:open circuit
19781	Power supply (B+)terminal 15:implausible
19782	Change-over valve for intake manifold flap 2:high
19783	Change-over valve for intake manifold flap 2:performance or stuck off
19784	Intake flap motor 2:short to B+
19785	Intake flap motor 2:open or short to ground
19786	Intake flap motor 2:no signal
19787	Intake flap motor 2:faulty
19788	Combustion detection during deceleration
19789	Turbocharger control Module 1:impausible message
19790	Turbocharger control module 2:impausible message
19791	Turbocharger control module 1:missing message
19792	Turbocharger control module 2:missing message
19793	Databus engine-Engine:implausible message
19794	Activation Glow plug control module:electrical malfunction
19795	Automatic glow time control relay 2:electrical malfunction
19796	Charge pressure fan relay:short to B+
19797	Charge pressure fan relay:short to ground+
19798	Charge pressure fan relay:open
19799	Exhaust turbocharger control module 1:high temperature
19800	Exhaust turbocharger control module 1:voltage supply outside permissable range
19801	Turbocharger 2 control module:high temperature
19802	Turbocharger 2 control module:voltage supply outside permissable range
19803	Glow plug/heater relay circuit:electrical
19804	Activation turbocharger control module 1:malfunction
19805	Activation turbocharger control module 2:electrical malfunction
19835	NG high pressure valve:open circuit

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
19836	NG high pressure valve:short to B+
19837	NG high pressure valve:short to ground
19838	Fuel tank pressure (FTP)sensor:open circuit
19839	Fuel tank pressure (FTP)sensor:short to B+
19840	Fuel tank pressure (FTP)sensor:short to ground
19841	Fuel rail sensor:open circuit
19842	Fuel rail sensor:short to B+
19843	Fuel rail sensor:short to ground
19844	Fuel injection valve 1:open circuit
19845	Fuel injection valve 1:short to B+
19846	Fuel injection valve 1:short to ground
19847	Fuel injection valve 2:open circuit
19848	Fuel injection valve 2:short to B+
19849	Fuel injection valve 2:short to ground
19850	Fuel injection valve 3:open circuit
19851	Fuel injection valve 3:short to B+
19852	Fuel injection valve 3:short to ground
19853	Fuel injection valve 5:open circuit
19854	Fuel injection valve 5:short to B+
19855	Fuel injection valve 5:short to ground
19856	Cylinder deactivation system bank 1
19857	Cylinder 1 deactivation/intake valve control circuit:open
19858	Cylinder 1 deactivation/intake valve control circuit:range/performance
19859	Cylinder 1 deactivation/intake valve control circuit:low
19860	Cylinder 1 deactivation/intake valve control circuit:high
19861	Cylinder 1 exhaust valve control circuit:open
19862	Cylinder 1 exhaust valve control circuit:range/performance
19863	Cylinder 1 exhaust valve control circuit:low
19864	Cylinder 1 exhaust valve control circuit:high
19865	Cylinder 2 deactivation/intake valve control circuit:open
19866	Cylinder 2 deactivation/intake valve control circuit:range/performance
19867	Cylinder 2 deactivation/intake valve control circuit:low
19868	Cylinder 2 deactivation/intake valve control circuit:high
19869	Cylinder 2 exhaust valve control circuit:open
19870	Cylinder 2 exhaust valve control circuit:range/performance
19871	Cylinder 2 exhaust valve control circuit:low
19872	Cylinder 2 exhaust valve control circuit:high
19873	Cylinder 3 deactivation/intake valve control circuit:open
19874	Cylinder 3 deactivation/intake valve control circuit:range/performance
19875	Cylinder 3 deactivation/intake valve control circuit:low
19876	Cylinder 3 deactivation/intake valve control circuit:high
19877	Cylinder 3 exhaust valve control circuit:open
19878	Cylinder 3 exhaust valve control circuit:range/performance
19879	Cylinder 3 exhaust valve control circuit:low

COD.	DESCRIÇÃO DA FALHA (CONT.)
19880	Cylinder 3 exhaust valve control circuit:high
19881	Cylinder 4 deactivation/intake valve control circuit:open
19882	Cylinder 4 deactivation/intake valve control circuit:range/performance
19883	Cylinder 4 deactivation/intake valve control circuit:low
19884	Cylinder 4 deactivation/intake valve control circuit:high
19885	Cylinder 4 exhaust valve control circuit:open
19886	Cylinder 4 exhaust valve control circuit:range/performance
19887	Cylinder 4 exhaust valve control circuit:low
19888	Cylinder 4 exhaust valve control circuit:high
19889	Cylinder 5 deactivation/intake valve control circuit:open
19890	Cylinder 5 deactivation/intake valve control circuit:range/performance
19891	Cylinder 5 deactivation/intake valve control circuit:low
19892	Cylinder 5 deactivation/intake valve control circuit:high
19893	Cylinder 5 exhaust valve control circuit:open
19894	Cylinder 5 exhaust valve control circuit:range/performance
19895	Cylinder 5 exhaust valve control circuit:low
19896	Cylinder 5 exhaust valve control circuit:high
19897	Cylinder 6 deactivation/intake valve control circuit:open
19898	Cylinder 6 deactivation/intake valve control circuit:range/performance
19899	Cylinder 6 deactivation/intake valve control circuit:low
19900	Cylinder 6 deactivation/intake valve control circuit:high
19901	Cylinder 6 exhaust valve control circuit:open
19902	Cylinder 6 exhaust valve control circuit:range/performance
19903	Cylinder 6 exhaust valve control circuit:low
19904	Cylinder 6 exhaust valve control circuit:high
19905	Cylinder 7 deactivation/intake valve control circuit:open
19906	Cylinder 7 deactivation/intake valve control circuit:range/performance
19907	Cylinder 7 deactivation/intake valve control circuit:low
19908	Cylinder 7 deactivation/intake valve control circuit:high
19909	Cylinder 7 exhaust valve control circuit:open
19910	Cylinder 7 exhaust valve control circuit:range/performance
19911	Cylinder 7 exhaust valve control circuit:low
19912	Cylinder 7 exhaust valve control circuit:high
19913	Cylinder 8 deactivation/intake valve control circuit:open
19914	Cylinder 8 deactivation/intake valve control circuit:range/performance
19915	Cylinder 8 deactivation/intake valve control circuit:low
19916	Cylinder 8 deactivation/intake valve control circuit:high
19917	Cylinder 8 exhaust valve control circuit:open
19918	Cylinder 8 exhaust valve control circuit:range/performance
19919	Cylinder 8 exhaust valve control circuit:low
19920	Cylinder 8 exhaust valve control circuit:high
19921	Cylinder 9 deactivation/intake valve control circuit:open
19922	Cylinder 9 deactivation/intake valve control circuit:range/performance
19923	Cylinder 9 deactivation/intake valve control circuit:low

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
19924	Cylinder 9 deactivation/intake valve control circuit:high
19925	Cylinder 9 exhaust valve control circuit:open
19926	Cylinder 9 exhaust valve control circuit:range/performance
19927	Cylinder 9 exhaust valve control circuit:low
19928	Cylinder 9 exhaust valve control circuit:high
19929	Cylinder 10 deactivation/intake valve control circuit:open
19930	Cylinder 10 deactivation/intake valve control circuit:range/performance
19931	Cylinder 10 deactivation/intake valve control circuit:low
19932	Cylinder 10 deactivation/intake valve control circuit:high
19933	Cylinder 10 exhaust valve control circuit:open
19934	Cylinder 10 exhaust valve control circuit:range/performance
19935	Cylinder 10 exhaust valve control circuit:low
19936	Cylinder 10 exhaust valve control circuit:high
19937	Cylinder 11 deactivation/intake valve control circuit:open
19938	Cylinder 11 deactivation/intake valve control circuit:range/performance
19939	Cylinder 11 deactivation/intake valve control circuit:low
19940	Cylinder 11 deactivation/intake valve control circuit:high
19941	Cylinder 11 exhaust valve control circuit:open
19942	Cylinder 11 exhaust valve control circuit:range/performance
19943	Cylinder 11 exhaust valve control circuit:low
19944	Cylinder 11 exhaust valve control circuit:high
19945	Cylinder 12 deactivation/intake valve control circuit:open
19946	Cylinder 12 deactivation/intake valve control circuit:range/performance
19947	Cylinder 12 deactivation/intake valve control circuit:low
19948	Cylinder 12 deactivation/intake valve control circuit:high
19949	Cylinder 12 exhaust valve control circuit:open
19950	Cylinder 12 exhaust valve control circuit:range/performance
19951	Cylinder 12 exhaust valve control circuit:low
19952	Cylinder 12 exhaust valve control circuit:high
19953	Cylinder deactivation system bank 2
28673	High speed can communication bus
28674	High speed can communication bus:performance
28675	High speed can communication bus(+):open
28676	High speed can communication bus(+):low
28677	High speed can communication bus(+):high
28678	High speed can communication bus(-):open
28679	High speed can communication bus(-):low
28680	High speed can communication bus(-):high
28681	High speed can communication bus(-):shorted to bus (+)
28772	Electronic control module:no communication
28773	Transmission ecu:no communication
28774	Transfer case control module:no communication
28775	Selector lever:no communication
28776	Cruise control module:no communication

COD.	DESCRIÇÃO DA FALHA (CONT.)
28777	Fuel injector control module:no communication
28778	Glow plug control module:no communication
28779	Throttle actuator control module:no communication
28780	Alternative fuel control module:no communication
28781	Fuel pump control module:no communication
28782	Drive motor control module:no communication
28783	Battery charging control module:no communication
28784	Battery energy control module B:no communication
28785	Emissions critical control information:no communication
28786	Four-wheel drive clutch control module:no communication
28787	ECM/PCM B:no communication
28788	Reserved by ISO-15031-6
28789	Reserved by ISO-15031-6
28790	Reserved by ISO-15031-6
28791	Reserved by ISO-15031-6
28792	Reserved by ISO-15031-6
28793	Brake ECU:no communication
28794	Vehicle Dynamics control module:no communication
28795	Yaw rate sensor module:no communication
28796	Lateral acceleration sensor module:no communication
28797	Multi-axis acceleration sensor module:no communication
28798	Steering angle sensor module:no communication
28799	Tire pressure monitor module:no communication
28800	Park brake control module:no communication
28801	Brake system control module:no communication
28802	Steering effort control module:no communication
28803	Steering effort control module:no communication
28804	Ride level control module:no communication
28805	Reserved by ISO-15031-6
28806	Reserved by ISO-15031-6
28807	Reserved by ISO-15031-6
28808	Reserved by ISO-15031-6
28809	Reserved by ISO-15031-6
28810	Reserved by ISO-15031-6
28811	Reserved by ISO-15031-6
28812	Body control module:no communication
28813	Body control module A:no communication
28814	Body control module B:no communication
28815	Body control module C:no communication
28816	Body control module D:no communication
28817	Body control module E:no communication
28818	Diagnostic interface ECU:no communication
28819	Gateway B:no communication
28820	Gateway C:no communication

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
28821	Gateway D:no communication
28822	Gateway E:no communication
28823	Restraints control module:no communication
28824	Side Restraints control module-Left:no communication
28825	Side Restraints control module-right:no communication
28826	Restraints Occupant sensing control module:no communication
28827	Control module for instrument panel insert:no communication
28828	Information center A:no communication
28829	Information center B:no communication
28830	Head-up display:no communication
28831	Parking assist control module:no communication
28832	Audible Alert control module:no communication
28833	Compass module:no communication
28834	Navigation display module:no communication
28835	Navigation control module:no communication
28836	HVAC control module:no communication
28837	Rear HVAC control module:no communication
28838	Auxiliary heater control module:no communication
28839	Vehicle immobilizer control module:no communication
28840	Vehicle security control module:no communication
28841	Sunroof control module:no communication
28842	Restraints system sensor A:no communication
28843	Restraints system sensor B:no communication
28844	Restraints system sensor C:no communication
28845	Restraints system sensor D:no communication
28846	Restraints system sensor E:no communication
28847	Restraints system sensor F:no communication
28848	Restraints system sensor G:no communication
28849	Restraints system sensor H:no communication
28850	Restraints system sensor I:no communication
28851	Restraints system sensor J:no communication
28852	Automatic lighting control module:no communication
28853	Headlamp leveling control module:no communication
28854	Lighting control module-Front:no communication
28855	Lighting control module-Rear:no communication
28856	Radio:no communication
28857	Antenna control module:no communication
28858	Audio amplifier:no communication
28859	Digital disc player/changer module A:no communication
28860	Digital disc player/changer module B:no communication
28861	Digital disc player/changer module C:no communication
28862	Digital disc player/changer module D:no communication
28863	Television:no communication
28864	Personal computer:no communication

COD.	DESCRIÇÃO DA FALHA (CONT.)
28865	Digital audio control module A:no communication
28866	Digital audio control module B:no communication
28867	Subscription entertainment receiver module:no communication
28868	Rear seat entertainment control module:no communication
28869	Telephone control module:no communication
28870	Telematic control module:no communication
28871	Door control module A:no communication
28872	Door control module B:no communication
28873	Door control module C:no communication
28874	Door control module D:no communication
28875	Door control module E:no communication
28876	Door control module F:no communication
28877	Door control module G:no communication
28878	Folding top control module:no communication
28879	Moveable roof control module:no communication
28880	Seat control module A:no communication
28881	Seat control module B:no communication
28882	Seat control module C:no communication
28883	Seat control module D:no communication
28884	steering column control module:no communication
28885	Mirror control module:no communication
28886	Remote function actuation:no communication
28887	Door switch A:no communication
28888	Door switch B:no communication
28889	Door switch C:no communication
28890	Door switch D:no communication
28891	Door switch E:no communication
28892	Door switch F:no communication
28893	Door switch G:no communication
28894	Door window motor A:no communication
28895	Door window motor B:no communication
28896	Door window motor C:no communication
28897	Door window motor D:no communication
28898	Door window motor E:no communication
28899	Door window motor F:no communication
28900	Door window motor G:no communication
28901	Heated steering wheel module:no communication
28902	Rear gate module:no communication
28903	Rain sensing module:no communication
28904	Left side obstacle detection module:no communication
28905	right side obstacle detection module:no communication
28906	Convenience recall module:no communication
28907	Cruise control front Distance range sensor:no communication
28972	Internal control module:software incompatibility

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
28973	Engine control module/PCM:software incompatibility
28974	Transmission control module:software incompatibility
28975	Transfer case control module:software incompatibility
28976	Gear shift control module:software incompatibility
28977	Cruise control module:software incompatibility
28978	Fuel injector control module:software incompatibility
28979	Glow plug control module:software incompatibility
28980	Throttle actuator control module:software incompatibility
28981	Alternative fuel control module:software incompatibility
28982	Fuel pump control module:software incompatibility
28983	Drive motor control module:software incompatibility
28984	Battery energy control module A:software incompatibility
28985	Battery energy control module B:software incompatibility
28986	Four wheel drive clutch control module:software incompatibility
28987	ABS control module:software incompatibility
28988	Vehicle dynamics control module:software incompatibility
28989	Park brake control module:software incompatibility
28990	Brake system control module:software incompatibility
28991	Steering effort control module:software incompatibility
28992	Power steering control module:software incompatibility
28993	Ride level control module:software incompatibility
28994	Body control module:software incompatibility
28995	Instrument panel control module:software incompatibility
28996	HVAC control module:software incompatibility
28997	Auxiliary heater control module:software incompatibility
28998	Vehicle immobilizer control module:software incompatibility
28999	Vehicle security control module:software incompatibility
29000	Steering Angle sensor module:software incompatibility
29001	Steering column control module:software incompatibility
29002	Tire pressure monitor module:software incompatibility
29003	Body control module :software incompatibility
29072	Invalid data received
29073	Engine control module:transmitted invalid data
29074	Transmission control module:transmitted invalid data
29075	Transfer case control module:transmitted invalid data
29076	Selector lever:transmitted invalid data
29077	Cruise control module:transmitted invalid
29078	Fuel injector control module:transmitted invalid data
29079	Glow plug control module:transmitted invalid data
29080	Throttle actuator control module:transmitted invalid data
29081	Alter native fuel control module:transmitted invalid data
29082	Fuel pump control moduele:transmitted invalid data
29083	Drive motor control module:transmitted invalid data
29084	Battery energy control module A:transmitted invalid data
29085	Battery energy control module B:transmitted invalid data

COD.	DESCRIÇÃO DA FALHA (CONT.)
29086	Four-wheel drive clutch control module:transmitted invalid data
29087	ABS control module:transmitted invalid data
29088	Vehicle dynamics control module:transmitted invalid data
29089	Park brake control module:transmitted invalid data
29090	Brake system control module:transmitted invalid data
29091	Steering Effort control module:transmitted invalid data
29092	Power steering control module:transmitted invalid data
29093	Ride level control module:transmitted invalid data
29094	Body control module:transmitted invalid data
29095	Instrument panel control module:transmitted invalid data
29096	HVAC control module:transmitted invalid data
29097	Auxiliary heater control module:transmitted invalid data
29098	Vehicle immobilizer control module:transmitted invalid data
29099	Vehicle security control module:transmitted invalid data
29100	Steering angle sensor module:transmitted invalid data
29101	Steering column control module:transmitted invalid data
29102	Tire pressure monitor module:transmitted invalid data
29103	Body control module A:transmitted invalid data
29696	Central control module for comfort system-J393:no communication
29697	Central control module for comfort system-J393:range/performance
29698	Please check fault codes in comfort system control module-J393:please check fault memory
29699	Control module for towing sensor-J345:no communication
29700	Control module for towing sensor-J345:please check fault memory
29701	NOX sensor 1 bank 1:lost communication
29702	NOX sensor 1 bank 1:lost communication
29703	Battery monitoring control module:check fault memory
65280	Development code 1
65281	Development code 2
65282	Development code 3
65283	Development code 4
65284	Development code 5
65285	Development code 6
65286	Development code 7
65287	Development code 8
65288	Development code 9
65289	Development code 10
65290	Development code 11
65291	Development code 12
65292	Development code 13
65293	Development code 14
65294	Development code 15
65295	Development code 16
65296	Development code 17
65297	Development code 18

**Códigos de Falhas****Kaptor**

COD.	DESCRIÇÃO DA FALHA (CONT.)
65298	Development code 19
65299	Development code 20
65300	Development code 21
65301	Development code 22
65302	Development code 23
65303	Development code 24
65304	Development code 25
65305	Development code 26
65306	Development code 27
65307	Development code 28
65308	Development code 29
65309	Development code 30
65310	Development code 31
65311	Development code 32
65312	Development code 33
65313	Development code 34
65314	Development code 35
65315	Development code 36
65316	Development code 37
65317	Development code 38
65318	Development code 39
65319	Development code 40
65320	Development code 41
65321	Development code 42
65322	Development code 43
65323	Development code 44
65324	Development code 45
65325	Development code 46
65326	Development code 47
65327	Development code 48
65328	Development code 49
65329	Development code 50
65535	UC do Painel de Instrumentos