



REGISTRUL AUTO ROMÂN

Calea Griviței 391A, Sector 1, Cod Poștal 010719, București

Nr. înregistrare Registrul Comerțului: J40/5191/04 martie 1992

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Scrisoarea dvs. nr.

din

Scrisoarea noastră nr.

din



S264

În atenția

Coordonatorilor Compartimentelor Zonale I.T.P. - S.P.N.V.

Inspectorilor S.P.N.V.

Inspectorilor tehnici din cadrul SITP

În vederea eficientizării verificărilor realizate cu dispozitivul de conectare la interfața electronică a autovehiculelor prezentate la ITP (numai pentru autovehiculele cu grad de poluare Euro 6 și Euro VI), a fost realizată o mapare a codurilor de eroare ce pot să apară în urma acestor verificări cu codul deficienței tehnice corespundente din Planul de operațiuni cuprins în cadrul RNTR 1.

Astfel, în anexă, vă prezentăm tabelar deficiențele tehnice ce pot fi detectate numai în urma unei scanări a autovehiculului prin interfața OBD a acestuia și posibilele coduri de eroare ce sunt alocate fiecărei deficiențe tehnice în parte.

În această etapă de implementare, metoda de control prin utilizarea interfeței electronice a autovehiculului va fi una complementară, celelalte metode de control fiind în continuare obligatorii de utilizat acolo unde sunt aplicabile.

Precizăm că rezultatul scanării prin interfața OBD trebuie atașat la raportul de ITP întocmit autovehiculului pentru care se realizează această operațiune.

Cu stimă,



RNTR 1 Punctul de verificare			Cod OBD	Descrierea codului DTC
1. SISTEM DE FRÂNARE	1.6. Sistem antiblocare (ABS)	f) Sistemul indică o defecțiune prin interfața electronică a vehiculului - DMa	C0020	ABS Pump Motor Control
			C0060	Left Front ABS Solenoid 1 circuit malfunction
			C0065	Left Front ABS Solenoid 2 Circuit Malfunction
			C0070	Right Front ABS Solenoid 1 Circuit Malfunction
			C0075	Right Front ABS Solenoid 2 Circuit Malfunction
			C0080	Left Rear ABS Solenoid 1 Circuit Malfunction
			C0081	ABS Malfunction Indicator
			C0085	Left Rear ABS Solenoid 2 Circuit Malfunction
			C0090	Right Rear ABS Solenoid 1 Circuit Malfunction
			C0095	Right Rear ABS Solenoid 2 Circuit Malfunction
			U0121	Lost Communication With Anti-Lock Brake System (ABS) Control Module
			U0315	Software Incompatibility With Anti-Lock Brake System Control Module
			U0415	Invalid Data Received – Anti-Lock Brake System (ABS) Control Module
	1.7. Sistem electronic de frânare (EBS)	c) Sistemul indică o defecțiune prin interfața electronică a vehiculului - DMa	C0021	Brake Booster Performance
			C0022	Brake Booster Solenoid
			C0040	Right Front Wheel Speed Circuit Malfunction
			C0041	Brake Pedal Switch 'B'
			C0042	Brake Pedal Position Sensor Circuit 'A'
			C0043	Brake Pedal Position Sensor Circuit 'B'
			C0044	Brake Pressure Sensor 'A'
			C0045	Left Rear Wheel Speed Sensor Circuit
			C0046	Brake Pressure Sensor 'A'/'B'
			C0047	Brake Booster Pressure Sensor
			C0048	Brake Booster Travel Sensor
			C004A	Brake Lining Wear Sensor
			C0072	Brake Temperature Too High
			C0082	Brake System Malfunction Indicator
			P0504	Brake Switch A / B Correlation
			P050F	Brake Assist Vacuum Too Low
			P0555	Brake Booster Pressure Sensor Circuit
			P0556	Brake Booster Pressure Sensor Circuit Range/Performance
			P0557	Brake Booster Pressure Sensor Circuit Low Input
			P0558	Brake Booster Pressure Sensor Circuit High Input
			P0559	Brake Booster Pressure Sensor Circuit Intermittent
			P0571	Cruise Control/Brake Switch A Circuit Malfunction
			P0572	Cruise Control/Brake Switch A Circuit Low
			P0573	Cruise Control/Brake Switch A Circuit High
			P061E	Internal Control Module Brake Signal Performance
			P0703	Torque Converter/Brake Switch B Circuit Malfunction
			P0719	Torque Converter/Brake Switch B Circuit Low
			P0724	Torque Converter/Brake Switch B Circuit High
			P2299	Brake Pedal Position/Accelerator Pedal Position Incompatible
			U0128	Lost Communication With Park Brake Control Module
			U0129	Lost Communication With Brake System Control Module
			U0137	Lost Communication With Trailer Brake Control Module
			U0317	Software Incompatibility With Park Brake Control Module
			U0318	Software Incompatibility With Brake System Control Module
			U0417	Invalid Data Received From Park Brake Control Module
			U0418	Invalid Data Received From Brake System Control Module
			U0438	Invalid Data Received From Trailer Brake Control Module

RNTR 1 Punctul de verificare			Cod OBD	Descrierea codului DTC
2. SISTEM DE DIRECȚIE	2.6. Servodirecție electronică (EPS)	d) Sistemul indică o defecțiune prin interfața electronică a vehiculului - DMA	C0051	Steering Wheel Position Sensor
			C0052	Steering Wheel Position Sensor Signal 'A'
			C0053	Steering Wheel Position Sensor Signal 'B'
			C0054	Steering Wheel Position Sensor Signal 'C'
			C0055	Steering Wheel Position Sensor Signal 'D'
			C0079	Variable Effort Steering
			P0550	Power Steering Pressure Sensor Circuit Malfunction
			P0551	Power Steering Pressure Sensor Circuit Range/Performance
			P0552	Power Steering Pressure Sensor Circuit Low Input
			P0553	Power Steering Pressure Sensor Circuit High Input
			P0554	Power Steering Pressure sensor Circuit Intermittent
			P0635	Power Steering Control Circuit
			P0636	Power Steering Control Circuit Low
			P0637	Power Steering Control Circuit High
			U0126	Lost Communication With Steering Angle Sensor (SAS) Module
			U0130	Lost Communication With Steering Effort Control Module
			U0131	Lost Communication With Power Steering Control Module
			U0134	Lost Communication With Power Steering Control Module Rear
			U0212	Lost Communication With Steering Column Control Module
			U0419	Invalid Data Received From Steering Effort Control Module
			U0420	Invalid Data Received From Power Steering Control Module
			U0428	Invalid Data Received From Steering Angle Sensor Module
			U0429	Invalid Data Received From Steering Column Control Module
			U0435	Invalid Data Received From Power Steering Control Module Rear
4. LĂMPI, DISPOZITIVE REFLECTORIZANTE ȘI ECHIPAMENTE ELECTRICE	4.1.3. Comutare lumini	c) Sistemul indică o defecțiune prin interfața electronică a vehiculului - DMA	U0241	Lost Communication With Headlamp Control Module 'A'
			U0242	Lost Communication With Headlamp Control Module B
			U0542	Invalid Data Received From Headlamp Control Module 'A'
			U0543	Invalid Data Received From Headlamp Control Module 'B'
			U0180	Lost Communication With Automatic Lighting Control Module
			U0182	Lost Communication With Front Lighting Control Module
			U0183	Lost Communication With Rear Lighting Control Module
			U0252	Lost Communication With Lighting Control Module Rear B
			U0481	Invalid Data Received From Automatic Lighting Control Module
			U0483	Invalid Data Received From Lighting Control Module Front
			U0484	Invalid Data Received From Lighting Control Module Rear 'A'
			U0553	Invalid Data Received From Rear Lighting Control Module 'B'
	4.1.5 Dispozitiv de reglare pe verticală a farurilor	c) Sistemul indică o defecțiune prin interfața electronică a	U0181	Lost Communication With Headlamp Leveling Control Module
			U0482	Invalid Data Received From Headlamp Leveling Control Module

7. ALTE ECHIPAMENTE

RNTR 1 Punctul de verificare		Cod OBD	Descrierea codului DTC
7.1.3. Limitatorul de sarcină al centurii de siguranță (dacă a fost prevăzut de producător) (+E)	b) Sistemul indică o defecțiune prin interfața electronică a vehiculului - DMA	B0080	Driver Seatbelt Load Limiter Deployment Control
		B0081	First Row Center Seatbelt Load Limiter Deployment Control
7.1.4. Dispozitiv de pretensionare al centurii de siguranță (dacă a fost prevăzut de producător) (+E)	b) Sistemul indică o defecțiune prin interfața electronică a vehiculului -DMA	B0082	Passenger Seatbelt Load Limiter Deployment Control
		B0083	Second Row Left Seatbelt Load Limiter Deployment Control
		B0084	Second Row Center Seatbelt Load Limiter Deployment Control
		B0085	Second Row Right Seatbelt Load Limiter Deployment Control
		B0086	Third Row Left Seatbelt Load Limiter Deployment Control
		B0087	Third Row Center Seatbelt Load Limiter Deployment Control
		B0088	Third Row Right Seatbelt Load Limiter Deployment Control
		B0050	Driver Seatbelt Sensor
		B0051	First Row Center Seatbelt Senso
		B0052	Passenger Seatbelt Sensor
		B0053	Second Row Left Seatbelt Sensor
		B0054	Second Row Center Seatbelt Sensor
		B0055	Second Row Right Seatbelt Sensor
		B0056	Third Row Left Seatbelt Sensor
		B0057	Right Front/Passenger Pretensioner Deployment Loop Resistance Low
		B0058	Right Front/Passenger Pretensioner Deployment Loop Open
		B0060	Driver Seatbelt Tension Sensor
		B0061	Passenger Seatbelt Tension Sensor
		B0070	Driver Seatbelt Pretensioner Deployment Control
		B0071	First Row Center Seatbelt Pretensioner Deployment Control
		B0072	Passenger Seatbelt Pretensioner Deployment Control
		B0073	Second Row Left Seatbelt Pretensioner Deployment Control
		B0074	Second Row Center Seatbelt Pretensioner Deployment Control
		B0075	Second Row Right Seatbelt Pretensioner Deployment Control
		B0076	Third Row Left Seatbelt Pretensioner Deployment Control
		B0077	Third Row Center Seatbelt Pretensioner Deployment Control
		B0078	Third Row Right Seatbelt Pretensioner Deployment Control
		B0079	Driver Seatbelt Pretensioner B Deployment Control
		B007A	Passenger Seatbelt Pretensioner B Deployment Contro
		B007B	Second Row Left Seatbelt Pretensioner 'B' Deployment Control
		B007C	Second Row Right Seatbelt Pretensioner 'B' Deployment Control
		B007D	Second Row Center Seatbelt Pretensioner 'B' Deployment Control
		B007E	Driver Seatbelt Pretensioner 'C' Deployment Control
		B007F	Passenger Seatbelt Pretensioner 'C' Deployment Control
		B00D0	Driver Seatbelt Indicator
		B00D1	Passenger Seatbelt Indicator
		B00E0	Third Row Left Seatbelt Pretensioner 'B' Deployment Control
		B00E1	Third Row Right Seatbelt Pretensioner 'B' Deployment Control
		B00E2	Third Row Center Seatbelt Pretensioner 'B' Deployment Control
		B00E3	Second Row Left Seatbelt Pretensioner 'C' Deployment Control
		B00E4	Second Row Right Seatbelt Pretensioner 'C' Deployment Control
		B00E5	Second Row Center Seatbelt Pretensioner 'C' Deployment Control
		B00E6	Third Row Right Seatbelt Pretensioner 'C' Deployment Control
		B00E7	Third Row Left Seatbelt Pretensioner 'C' Deployment Control
		B00E8	Third Row Center Seatbelt Pretensioner 'C' Deployment Control
		U017E	Lost Communication With Seatbelt Pretensioner Module 'A'
		U017F	Lost Communication With Seatbelt Pretensioner Module 'B'
		U047F	Invalid Data Received From Seatbelt Pretensioner Module 'A'
		U0480	Invalid Data Received From Seatbelt Pretensioner Module 'B'

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7. ALTE ECHIPAMENTE	7.1.5. Airbaguri (+E)	b) Sistemul indică o defecțiune prin interfața electronică a vehiculului -DMA	B0020	Passenger Instrument Panel Air Bag Deployment Loop Stage 2
			B0028	Right Side Airbag Deployment Control
			B0030	Second Row Left Side Airbag Deployment Control
			B0038	Second Row Right Side Airbag Deployment Control
			B0040	Driver Side Deployment Loop Resistance Low
			B0048	Third Row Right Side Airbag Deployment Control
	7.1.6. Sistem de reținere suplimentar (SRS) (+E)	b) Sistemul indică o defecțiune prin interfața electronică a vehiculului -DMA	B00D2	Restraint System Malfunction Indicator 1
			B00D3	Restraint System Malfunction Indicator 2
			B00D4	Restraint System Malfunction Audible Indicator
			B00D5	Restraint System Passenger Disable Indicator
			B0090	Left Frontal Restraints Sensor
			B0091	Left Side Restraints Sensor 1
			B0092	Left Side Restraints Sensor 2
			B0093	Left Side Restraints Sensor 3
			B0094	Center Frontal Restraints Sensor
			B0095	Right Frontal Restraints Sensor
			B0096	Right Side Restraints Sensor 1
			B0097	Right Side Restraints Sensor 2
			B0098	Right Side Restraints Sensor 3
			B009A	Left Side Restraints Sensor 4
			B009B	Left Side Restraints Sensor 5
			B009C	Left Side Restraints Sensor 6
			B009D	Right Side Restraints Sensor 4
			B009E	Right Side Restraints Sensor 5
			B009F	Right Side Restraints Sensor 6
			B00B5	Driver Seat Track Position Restraints Sensor
			B00B6	Driver Seat Recline Position Restraints Sensor
			B00C5	Passenger Seat Track Position Restraints Sensor
			B00C6	Passenger Seat Recline Position Restraints Sensor
			B00DF	Passenger Restraints Disable Switch
			U0151	Lost Communication With Restraints Control Module
			U0152	Lost Communication With Side Restraints Control Module Left
			U0153	Lost Communication With Side Restraints Control Module Right
			U0154	Lost Communication With Restraints Occupant Sensing Control Module
			U0170	Lost Communication With Restraints System Sensor A
			U0171	Lost Communication With Restraints System Sensor B
			U0172	Lost Communication With Restraints System Sensor C
			U0173	Lost Communication With Restraints System Sensor D
			U0174	Lost Communication With Restraints System Sensor E
			U0175	Lost Communication With Restraints System Sensor F
			U0176	Lost Communication With Restraints System Sensor G
			U0177	Lost Communication With Restraints System Sensor H
			U0178	Lost Communication With Restraints System Sensor I
			U0179	Lost Communication With Restraints System Sensor J
			U017A	Lost Communication With "Restraints System Sensor K"
			U017B	Lost Communication With "Restraints System Sensor L"
			U017C	Lost Communication With "Restraints System Sensor M"
			U017D	Lost Communication With "Restraints System Sensor N"

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7. ALTE ECHIPAMENTE	7.1.6. Sistem de reținere suplimentar (SRS) (+E)	b) Sistemul indică o defecțiune prin interfața electronică a vehiculului -DMA	U0336	Software Incompatibility With Restraints Control Module
			U0452	Invalid Data Received From Restraints Control Module
8. EMISII POLUANTE	7.12. Sistem de control electronic al stabilității (ESC) (dacă a fost prevăzut de producător)	b) Sistemul indică o defecțiune prin interfața electronică a vehiculului -DMA	U0453	Invalid Data Received From Left Side Restraints Control Module
			U0454	Invalid Data Received From Right Side Restraints Control Module
			U0455	Invalid Data Received From Restraints Occupant Classification System Module
			U0471	Invalid Data Received From Restraints System Sensor 'A'
			U0472	Invalid Data Received From Restraints System Sensor 'B'
			U0473	Invalid Data Received From Restraints System Sensor 'C'
			U0474	Invalid Data Received From Restraints System Sensor 'D'
			U0475	Invalid Data Received From Restraints System Sensor 'E'
			U0476	Invalid Data Received From Restraints System Sensor 'F'
			U0477	Invalid Data Received From Restraints System Sensor 'G'
			U0478	Invalid Data Received From Restraints System Sensor 'H'
			U0479	Invalid Data Received From Restraints System Sensor 'I'
			U047A	Invalid Data Received From Restraints System Sensor 'J'
			U047B	Invalid Data Received From Restraints System Sensor 'K'
			U047C	Invalid Data Received From Restraints System Sensor 'L'
			U047D	Invalid Data Received From Restraints System Sensor 'M'
			U047E	Invalid Data Received From Restraints System Sensor 'N'
			C006B	Stability System Active Too Long
			C006C	Stability System
			C0076	PWM for Traction Control (Clutch Signal)
			C0084	Traction Active Indicator
			P0856	Traction Control Torque Request Circuit Malfunction
			P0857	Traction Control Input Signal Range/Performance
			P0858	Traction Control Input Signal Low
			P0859	Traction Control Input Signal High
	8.2.1. Emisii de gaze de evacuare produse de motoare cu aprindere prin scânteie (mas) 8.2.1.2. Emisii de gaze (+E)	d) Citirea OBD indică o funcționare necorespunzătoare -DMA	P03XX	Toate codurile de forma P03XX, de la P0300 la P0396 (97coduri)