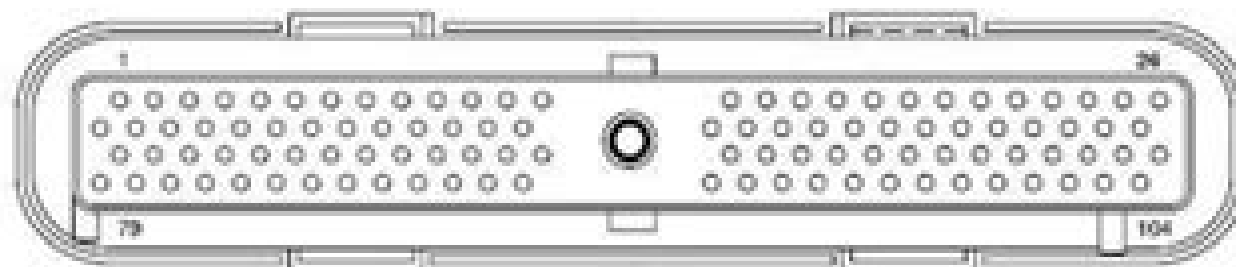


12A522

Powertrain Control
Module (PCM)
(12A522)



#12A522

Pin	Circuit	Circuit function	
1	1026 (W/B/PK)	Coil On Plug (COP) 4 (1202B), control	Durafec
	315 (Y/T/OG)	Shift solenoid B	ZETEC
2		not used	
3	1202 (B/W/LG)	Ground	Durafec
4		not used	
5		not used	
6	237 (OG/YE)	Shift solenoid A	Durafec
7		not used	
8		not used	
9		not used	
10		not used	
11	315 (Y/T/OG)	Shift solenoid B	Durafec
12		not used	
13	167 (YT)	FlashEEPROM power supply	
14		not used	
15	915 (PK/LB)	SCP Bus	
16	914 (TN/OG)	SCP Bus +	
17	168 (RD/BK)	RX, signal	Durafec
	226 (GB)	High speed fan control relay 1, control	ZETEC
18	167 (BN/OG)	TX, signal	Durafec
19	167 (BN/OG)	TX, signal	ZETEC
20	911 (PK/BK)	3 21/OG5, signal	Durafec
	957 (BN/YE)	Fuel injector 3, control	ZETEC
21	138 (BK/PK)	Powertrain Control Module (PCM) (12A522)	Crank- shaft position sensor (8C315) +
22	139 (GY/YE)	Powertrain Control Module (PCM) (12A522)	Crank- shaft position sensor (8C315)

Pin	Circuit	Circuit function	
23	1202 (B/W/LG)	Ground	ZETEC
24	97 (BK)	Ground	
25	970 (BK/WK)	Ground	
26	1024 (LG/WK)	Coil On Plug (COP) 1 (1202B), control	Durafec
	1030 (OG/YT)	Ignition coil (1202B)	ZETEC
27	1026 (PK/WK)	Coil On Plug (COP) 5 (1202B), control	Durafec
	325 (D&OO)	Starter relay (11450), control	ZETEC
28	268 (GB)	Low speed fan control relay, control	Durafec
	679 (GY/BK)	vehicle speed signal +	ZETEC
29	666 (OG/YE)	Overdrive cancel switch (70550), signal	
30		not used	
31	330 (YE/LG)	Power steering pressure switch, input	
32	311 (OG/YT)	Knock sensor (12A555)	Durafec Early production
33	1202 (B/W/LG)	Ground	ZETEC manual transmission
34	20 (W/LB)	Turbine shaft speed sensor (7M101)	ZETEC
35	302 (RD/LG)	Heated Oxygen Sensor (HOS) #12 (BG-MH), input	
36	968 (TN/LB)	Mass Air Flow (MAF) sensor (12B57B), signal, return	
37	923 (OG/BK)	Transmission Fluid Temperature (TFT) sensor, input	
38	354 (LG/PD)	Engine Coolant Temperature (ECT) sensor (12A648), input	Durafec
	354 (LG/PD)	Cylinder head temperature sensor, input	ZETEC
39	470 (PK/BK)	Sensor signal return (reference/ground)	
40	218 (OG/YE)	Fuel pump relay, switched power, output	
41	198 (OG/OG)	Dual pressure switch (190954), signal	
42	3866 (BK)	Medium speed fan control relay, control	Durafec
43	3866 (BK)	Medium speed fan control relay, control	ZETEC

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SA Adler



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https://crm.allthingsbusiness.co.uk/About/browse/fetch.php/Airpods_Guide_Customer_Service.pdf

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