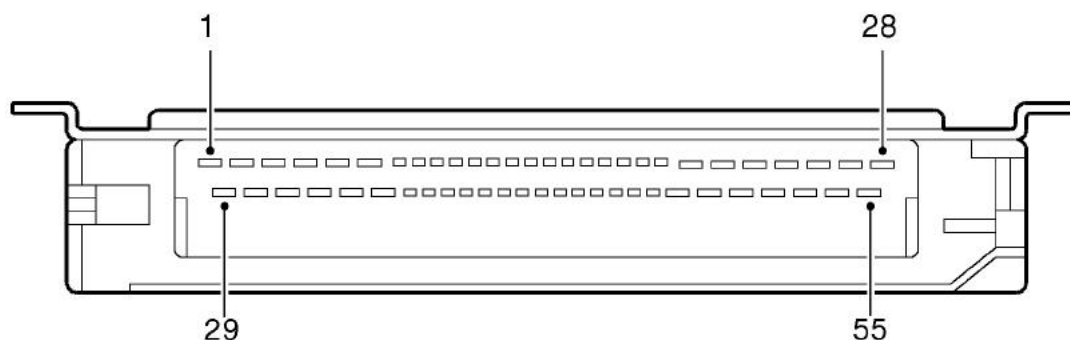


EAT ECU connector



M44 1126

EAT ECU connector pin details

Pin No.	Description	Inputs/Outputs
1 to 4	Not used	-
5	Pressure regulator solenoid valve (MV 4)	Output
6	Power earth	-
7	Not used	-
8	Gear position switch, X contacts	Input
9	Gear position switch, Z contacts	Input
10 to 12	Not used	-
13	Transmission high/low switch	Input
14	Gearbox output shaft speed sensor, negative	Input
15	Gearbox output shaft speed sensor cable screen	-
16	CAN, high	Input/Output
17 to 24	Not used	-
25	Sport mode warning lamp	Output
26	Battery power supply	Input
27	Not used	-
28	Electronics earth	-
29	Not used	-
30	Shift control solenoid valve (MV 1)	Output
31	Diagnostics, K line	Input/Output
32	Converter lock-up solenoid valve (MV 3)	Output
33	Shift control solenoid valve (MV 2)	Output
34	Not used	-
35	Not used	-
36	Gear position switch, W contacts	Input
37	Gear position switch, Y contacts	Input
38 to 41	Not used	-
42	Gearbox output shaft speed sensor, positive	Input
43	Not used	-
44	CAN, low	Input/Output
45	Mode switch	Input
46 to 50	Not used	-
51	Manual mode warning lamp	Output
52	Not used	-
53	Solenoid valves power supply	Output
54	Ignition power supply	Input
55	Not used	-



CAN communications between EAT ECU and ECM

Inputs from ECM	Outputs to ECM
CAN version identifier	Calculated gear
Emissions (OBD II) control	Diagnostic information
Engine air intake temperature	Emission (OBD II) fault status
Engine speed	Engine torque reduction request
Engine speed fault flag	Gear position switch information
Engine temperature	Output shaft speed
Engine torque	Mode information
Engine torque fault flag	Shift information
Friction torque	Torque converter lock-up status
Maximum engine torque	
Reduced engine torque	
Road speed	
Status of engine torque reduction	
Throttle position	