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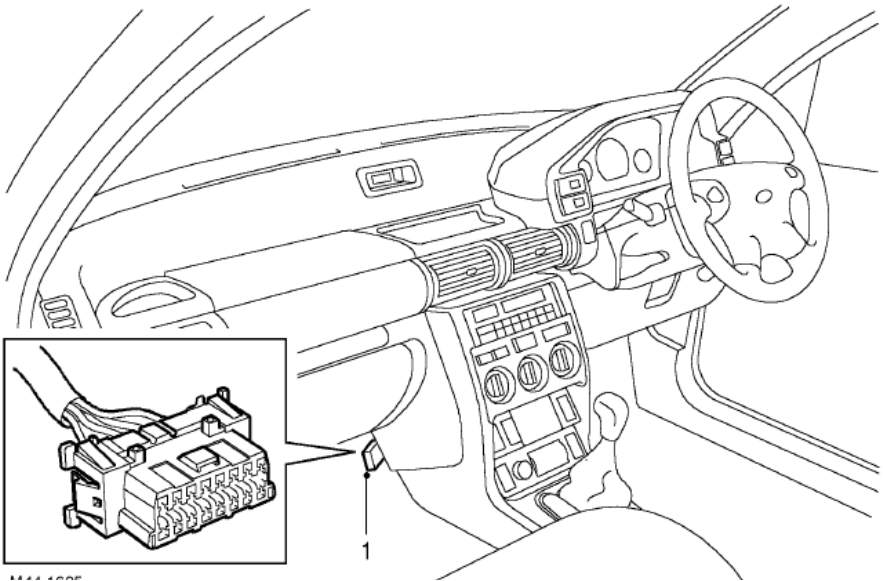
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M44 1635

1 Diagnostic socket

The diagnostic socket is connected to the EAT ECU on an ISO 9141 K [Line](#). The system uses a 'P' code diagnostic strategy and can record faults relating to gearbox operation. The codes can be retrieved using TestBook/T4 or any diagnostic tool using Keyword 2000 protocol.

Diagnostic Trouble Codes (DTC)

The following table lists P codes, affected components and fault description.

The diagnostics related to diagnostic trouble codes introduced by ECD3 and disabled by ECD3 compliance date.

Diagnostics

A [diagnostic](#) socket allows the [exchange](#) of information between the EAT ECU and TestBook/T4. The diagnostic socket is located behind the centre console, in the passenger footwell.

P Code	Applicability	Component	Correct Operation / Value	Description of Fault and Rectification Action
P0702	All	GND return (sensor earth)	–	Short circuit to battery – Check wiring and connections
P0705	All	Selector and inhibitor switch input	Selected range 12V Other ranges 0V	Multiple signal or No signal – Check wiring and connections – Renew turbine sensor
P0710	All	ATF temperature sensor	Refer to Fluid Temperature Sensor – Fluid temperature sensor resistance values table	Signal out of range – Check wiring and connections – Check sensor resistance – Renew transmission harness assembly/sensor

DESCRIPTION AND OPERATION

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