

## MULTIPLE DIAGNOSIS CONNECTOR

### INDEX

WIRING DIAGRAM . . . . .	41-2
GENERAL DESCRIPTION . . . . .	41-3
FUNCTIONAL DESCRIPTION . . . . .	41-3
LOCATION OF COMPONENTS . . . . .	41-6





## GENERAL DESCRIPTION

The car is fitted with a number of control units with a self-diagnosis function.

Connecting to these control units with a diagnosis device (Examiner or other tools) it is possible to read the self-diagnosis data (parameters) or run the diagnosis activities provided.

This car does not have a specific diagnosis connection socket for each control unit; a single, standardised, 16-way diagnosis socket has been adopted, which is located on the lefthand side of the dashboard, above the control box.

The diagnosis equipment (Examiner or other device) is connected to it through a special adapter, called "MPX97". In fact, this adapter makes it possible to select the system on which connection to self-diagnosis is required.

## FUNCTIONAL DESCRIPTION

The diagnosis socket T20 is powered directly by the battery at pin 16 from the line protected by the MAXIFUSES of the branch terminal strip G56. Pins 4 and 5 are earthed.

Pin 1 is connected to the ABS control unit N51 (pin 11).

Pin 3 is connected to the Air Bag control unit R22 (pin 9).

Pin 11 is connected to the alarm control unit N45 (pin 6 of connector A).

Pin 8 is connected to the Code control unit N77 (pin 5 of connector A).

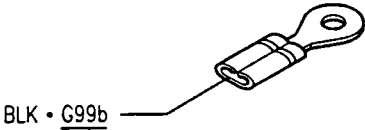
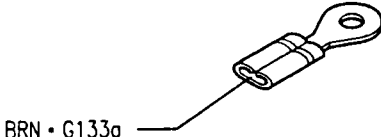
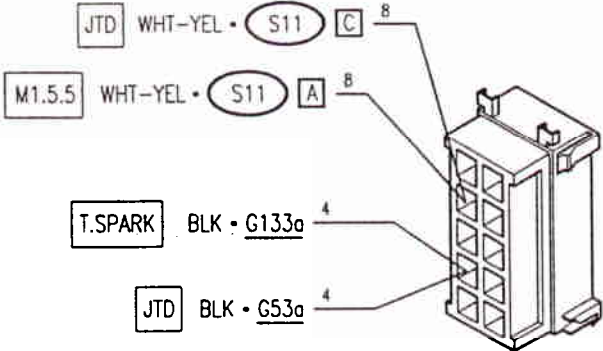
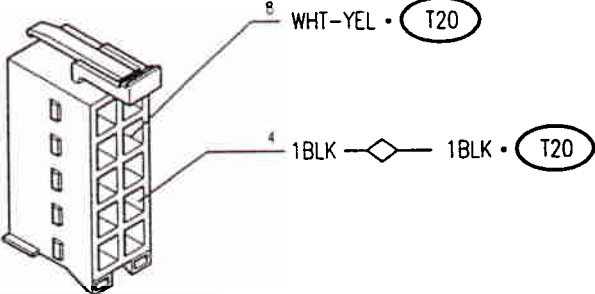
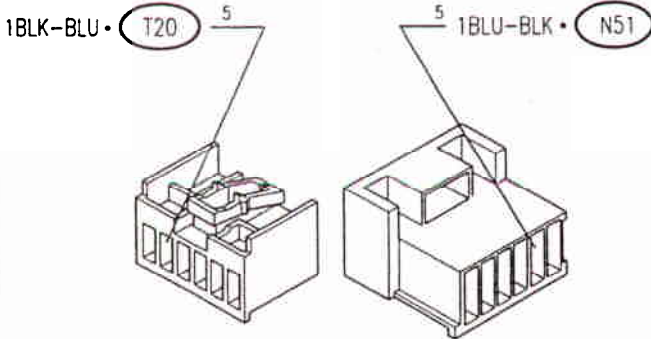
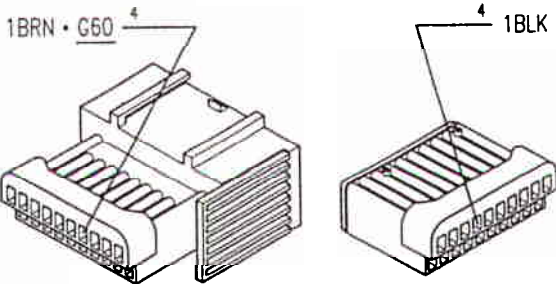
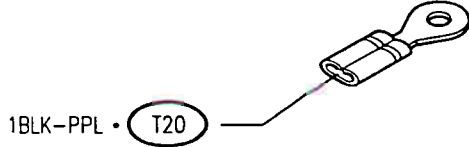
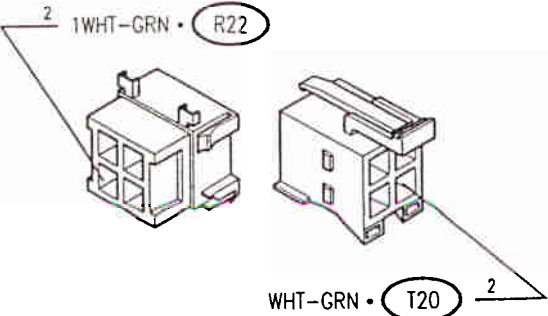
### Motor T.SPARK:

Pin 7 is connected to the i.e. control unit S11 through a dedicated line (pin 11 of connector A).

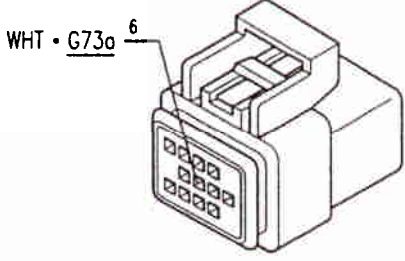
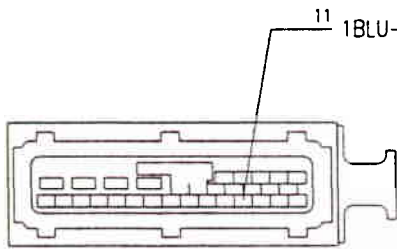
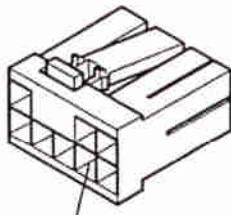
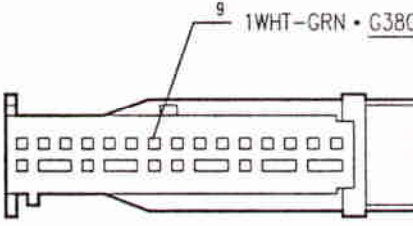
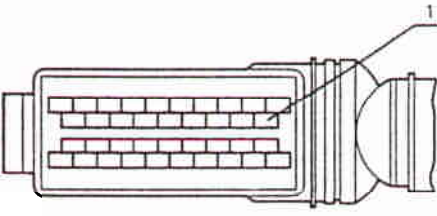
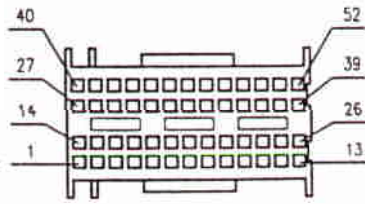
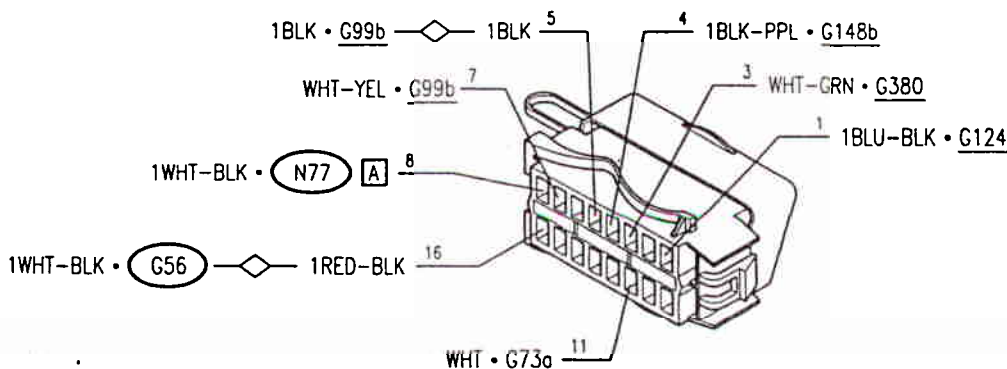
### Motor JTD:

Pin 7 is connected to the i.e. control unit S11 through a dedicated line (pin 28 of connector C).

## COMPONENTS AND CONNECTORS

RH engine compartment earth	G53a	Injection wiring earth	G60
 <p>BLK • G99b</p>		 <p>BRN • G133a</p>	
Connector for dashboard wiring/engine wiring			G99b
			
ABS system connector	G124	Connector for electronic injection wiring A	G133a
			
Earth under dashboard LH	G148b	Airbag connector	G380
 <p>1BLK-PPL • T20</p>			

## COMPONENTS AND CONNECTORS

Alarm control unit	(N45) A	Hydraulic unit with ABS control unit	(N51)
 <p>WHT • G73a 6</p>		 <p>11 1BLU-BLK • G124</p>	
ALFA ROMEO CODE control unit	(N77) A	Air bag control unit	(R22)
 <p>1WHT-BLK • T20 5</p>		 <p>9 1WHT-GRN • G380</p>	
Motronic control unit	(S11) A	Electronic injection control unit	(S11) C
 <p>11 WHT-YEL • G99b</p> <p>M1.5.5</p>		 <p>28 WHT-YEL • G99b</p> <p>JTD</p>	
Standardised diagnosis connector			(T20)
 <p>1BLK • G99b 5 1BLK 1BLK-PPL • G148b 4</p> <p>WHT-YEL • G99b 7 3 WHT-GRN • G380</p> <p>1WHT-BLK • (N77) A 8 1 1BLU-BLK • G124</p> <p>1WHT-BLK • (G56) 16 1RED-BLK</p> <p>WHT • G73a 11</p>			

## LOCATION OF COMPONENTS

