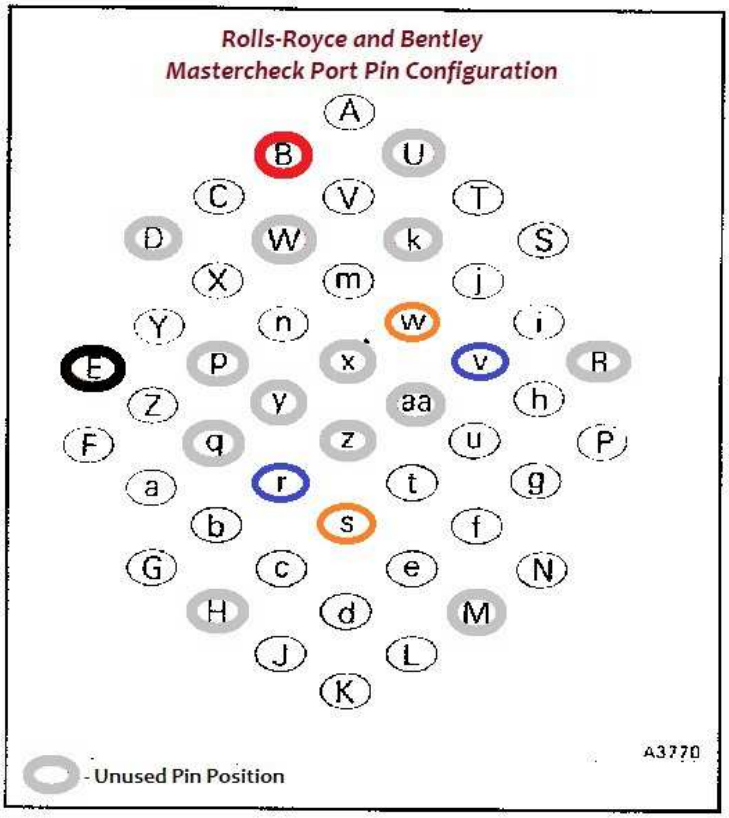

1994-1995 Model year cars have not yet been tested to determine whether they have standard OBD-II protocol access to the Engine Management ECU. It is also uncertain whether the Transmission Control Module (ECU) is able to be queried via OBD-II at this time. Pin definitions come directly from IETIS/ASSIST for the vehicle diagnostic socket.

Vehicle OBD II Connector (front view)
ISO 9141 uses pins 4, 5, 7, 15, & 16

Mastercheck Pin	Mastercheck Data Function	Mapping to OBD-II Connector Pin(s)
Mastertech Socket Pins that map directly to ISO 9141 OBD-II Port Pins		
B	+12V source, Fuseboard F1, fuse C9 (10 Amp)	16
E	Ground/Earth	4 & 5
r	Transmission/Gearbox ISO-9141 L-Line [Ctrl Line]	15
s	Transmission/Gearbox ISO-9141 K-Data [P-code]	7
v	Powertrain/Engine ISO-9141 L-Line [Ctrl Line]	15
w	Powertrain/Engine ISO-9141 K-Data [P-Code]	7
Full Mastertech Socket Pin to Function Map		
A	+12V via Ignition, Fuseboard F2, fuse A3 (20 Amp)	
B	+12V source, Fuseboard F1, fuse C9 (10 Amp)	
C	Engine Management ECU, pin 8, via 88-way connector	
D	Unused	
E	Ground/Earth	
F	Automatic Ride Control 'Power' ECU, via 24-way connector	
G	Automatic Ride Control 'Power' ECU, via 24-way connector	
H	Unused	
J	Centralized door locking/alarm system ECU	
K	Transmission Control Module (TCM) ECU, pin B9, via 24-way connector	

L	Air conditioning unit microprocessor
M	Unused
N	Air bag control module, pin 7 via blue module socket and 6-way connector
P	Air bag control module, pin 8 via blue module socket and 6-way connector
S	Turbo Air Pressure Transducer (in volts), Turbo cars only
T	Barometric pressure sensor
U	Unused
V	Engine Management ECU, pin 47, via 88-way connector Engine Speed Signal (Ctrl is on socket pin C?)
W	Unused
X	Anti-Lock Braking System ECU
Y	TCM Road Speed Signal, pin D1, via 32-way connector
Z	Instruments Module, via Automatic Ride Control 24-way connector and instruments module yellow 26-way socket
a	?? from TCM, pin D13, via 32-way connector
b	Throttle position potentiometer - transmission
c	Coolant Temperature Sensor Output
d	?? from TCM, pin A7, via 24-way connector
e	?? from TCM, pin A6, via 24-way connector
f	?? from TCM, pin B5, via 24-way connector
g	Temperature/voltage probe, pin 4, via 4-way socket
h	Temperature/voltage probe, pin 3, via 4-way socket
i	Temperature/voltage probe, pin 2, via 4-way socket
j	Temperature/voltage probe, pin 1, via 4-way socket
k	Unused
m	?? from TCM, pin D16, via 32-way connector
n	?? from TCM, pin C15, via 32-way connector
p	Throttle Position switch/potentiometer
q	Throttle Position switch/potentiometer
r	Transmission/Gearbox ISO-9141 L-Line (Ctrl line to TCM), pin D12, via 32-way connector
s	Transmission/Gearbox ISO-9141 K-Data (P-code from TCM), pin B10, via 24-way connector
t	Engine Management ECU, pin 60, via 88-way connector
u	Engine Management ECU, pin 61, via 88-way connector
v	Powertrain/Engine ISO-9141 L-Line (Ctrl line to Engine Management ECU), pin 87, via 88-way connector
w	Powertrain/Engine ISO-9141 K-Data (P-code from Engine Management ECU), pin 88, via 88-way connector
x	Unused
y	Unused
z	Unused
aa	Unused