



(MFRU)
MULTI FUNCTIONAL RELAY UNIT
PIN DESCRIPTIONS

MFRU OUTPUT PLUG

PIN	FUNCTION
3	FUEL PUMP RELAY POWER SUPPLY
4	OUTPUT TO STARTER SOLINOID SWITCH
5	OUTPUT TO FUEL PUMP
7	STARTER MOTOR RELAY POWER SUPPLY
8	ECU RELAY POWER SUPPLY

MBE ECU PLUG

PIN	FUNCTION
1	FUEL TRIM
2	WATER TEMP SIGNAL
3	AIR TEMP SIGNAL
4	5V ANALOGUE
5	ANALOGUE GROUND
6	POWER GROUND
7	POWER GROUND
8	POWER GROUND
9	POWER GROUND
10	FUEL PRESSURE
11	CRANK RETURN
12	CRANK SIGNAL
13	ECU SUPPLY
14	SERIAL RECEIVE
15	FAULT LIGHT
16	SHIFT LIGHT
17	FUEL PUMP RELAY DRIVE
18	IGNITION DRIVE 2
19	POWERSHIFT INPUT
20	THROTTLE SIGNAL
21	MAP SIGNAL
22	5V ANALOGUE
23	ANALOGUE GROUND
24	ANALOGUE GROUND
25	OIL TEMP SIGNAL
26	IGNITION TRIM
27	OIL PRESSURE SIGNAL
28	BARO SIGNAL/LAUNCH INPUT
29	LAMBDA SIGNAL
30	IMMOBILISER
31	IMMOBILISER
32	SERIAL TRANSMIT
33	RAD FAN RELAY DRIVE
34	TACHO SIGNAL
35	INJECTOR OUTPUT
36	IGNITION DRIVE

MFRU INPUT PLUG

PIN	FUNCTION
1	ECU RELAY CONTROL FROM ECU
2	FUEL RELAY CONTROL FROM INGNITION
3	FUEL RELAY CONTROL FROM ECU
4	STARTER RELAY CONTROL GROUND
6	STARTER RELAY CONTROL FROM IGNITION

+ - STACK DASH BOARD ONLY

ALL PLUGS ARE COLOURED BLACK UNLESS STATED

ALL PLUGS VIEWED AS CABLE EXIT

P NUMBERS REPRESENT PIN NUMBERS IN MULTIPLUGS

DRAWINGS OF PLUGS NOT TO SCALE

WIRE COLOUR KEY

N	BROWN
B	BLACK
W	WHITE
G	GREEN
U	BLUE
R	RED
O	ORANGE
P	PURPLE
K	PINK
Y	YELLOW
S	SLATE

Fig 4. EU2 1.8 K- series engine loom wiring R300, R400 and R500