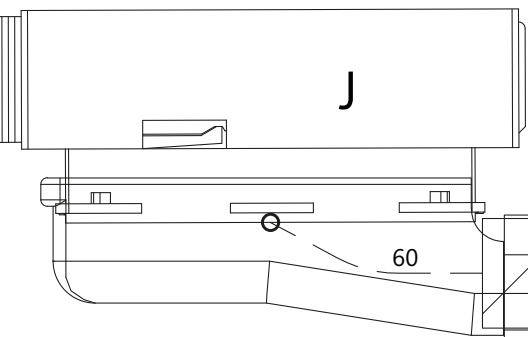
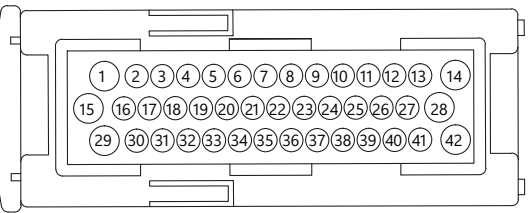


J											
ECU CONNECTOR											
PIN	Colour	Sec.	Cable	Cross	Function	PIN	Colour	Sec.	Cable	Cross	Function
1	BLACK	1	CV1	X12/3	GND CAN	24	PURPLE	0.5		X14/3	(H2O) RAD. LIQUID LEVEL
2	BLUE-WHITE	0.5		X13/2	ENGINE OIL PRESSURE	25	WHITE	0.5		X10/1	EMERGENCY
4	BLACK	0.35		X2/C	SGN PRESS. TRANS.	26	GREEN	0.75		X6/2	D+
5	WHITE	0.5		X15/3	TANK COMPRESSOR	27	WHITE	1		X15/4	BLINKER
6	WHITE	0.5		X15/1	STOP	28	RED	2.5		S_+30 BATT	+30 BATTERY
7	WHITE-RED	0.5		X6/3	W	29	GREY	1.5		S_BATT-	BATT -
8	BLUE	0.75		X3/2	2° ENG. - CLUTCH	30	PURPLE-BLACK	0.5		X14/2	ENGINE TEMP.
9	WHITE	0.75		X3/1	2° ENG. + CLUTCH	31	ORANGE-BLACK	0.5		X8/2	FUEL LEVEL
10	BLUE	0.75		X4/2	1° ENG. - ACCELERATOR	32	BLACK	1		S_GND	GND
11	WHITE	0.75		X4/1	1° ENG. + ACCELERATOR	33	BLACK	1		X15/8	GND
12	YELLOW	1		S_EV	ELECTROVALVES	35	YELLOW	0.5	CV1	X12/2	CAN H
13	WHITE	1		X15/6	PNP AUX	36	WHITE	0.5		X9/1	COMMON RAIL SENSOR
14	BLACK	2.5		S_+50	+50 START	37	WHITE	0.5		X15/2	START
15	RED	1	CV1	X12/1	15/54 CAN BUS	38	WHITE	0.5		X13/1	LOW OIL PRESSURE
17	BROWN	0.35		X2/B	+15 PRESSURE TRANS.	39	ORANGE	0.5		X8/1	FUEL RESERVE
21	GREEN	0.5	CV1	X12/4	CAN L	40	WHITE	0.5		X11/1	FLOW
23	BLUE	0.5		X14/1	HIGH MOTOR TEMP.	41	WHITE	1		X15/5	NPN 1



S_+30BATT				
PIN	Colour	Sec.	Cross	Function
-	RED	2.5	X15/7	+30 BATTERY
	RED	2.5	J/28	+30 BATTERY
	RED	4	FUS/2	+30 BATTERY
	RED	1.5	X16/4	+30 BATTERY
	RED	2.5	X16/5	+30 BATTERY

S_+50				
PIN	Colour	Sec.	Cross	Function
-	BLACK	2.5	J/14	+50 START
	BLACK	1.5	X16/3	+50 START
	BLACK	2.5	X5/3	+50 START

S_GND				
PIN	Colour	Sec.	Cross	Function
-	GREY	0.5	X10/2	GND
	GREY	0.5	X11/2	GND
	BLACK	1	J/32	GND
	GREY	0.5	X8/3	GND
	GREY	0.5	X9/2	GND

S_BATT-				
PIN	Colour	Sec.	Cross	Function
-	GREY	1.5	J/29	BATT -
	GREY	1.5	X16/2	BATT -
	GREY	1.5	X5/2	BATT -

S_EV				
PIN	Colour	Sec.	Cross	Function
-	YELLOW	1	J/12	ELECTROVALVES
	YELLOW	1	X16/1	ELECTROVALVES
	YELLOW	1	X7	ELECTROVALVES

X7 EV				
PIN	Colour	Sec.	Cross	Function
-	YELLOW	1	S_EV	ELECTROVALVES

X5 BATTERY/STARTER				
PIN	Colour	Sec.	Cross	Function
1	RED	4	FUS/1	+30 BAT.
2	GREY	1.5	S_BATT-	BATT -
3	BLACK	2.5	S_+50	+50 START
4	RED	6	X6/1	B+

FUS				
PIN	Colour	Sec.	Cross	Function
1	RED	4	X5/1	+30 BATTERY
2	RED	4	S_+30 BATT	+30 BATTERY

X16				
PIN	Colour	Sec.	Cross	Function
1	YELLOW	1	S_EV	ELECTROVALVE
2	GREY	1.5	S_BATT-	BATT -
3	BLACK	1.5	S_+50	+50 START
4	RED	1.5	S_+30 BATT	+30 BATTERY
5	RED	2.5	S_+30 BATT	+30 BATTERY

X12					
PIN	Colour	Sec.	Cable	Cross	Function
1	RED	1	CV1	J/15	15/54 CAN BUS
2	YELLOW	0.5	CV1	J/35	CAN H
3	BLACK	1	CV1	J/1	GND CAN
4	GREEN	0.5	CV1	J/21	CAN L

X13 OIL PRESSURE				
PIN	Colour	Sec.	Cross	Function
1	WHITE	0.5	J/38	LOW OIL PRESS.
2	BLUE-WHITE	0.5	J/2	MOT. OIL PRES.

X15 UTILITIES				
PIN	Colour	Sec.	Cross	Function
1	WHITE	0.5	J/6	STOP
2	WHITE	0.5	J/37	START
3	WHITE	0.5	J/5	TANK COMP.
4	WHITE	1	J/27	BLINKER
5	WHITE	1	J/41	NPN 1

PIN	Colour	Sec.	Cross	Function
6	WHITE	1	J/13	PNP AUX
7	RED	2.5	S_+30 BATT	+30 BATTERY
8	BLACK	1	J/33	GND

X14 TEMPERATURE				
PIN	Colour	Sec.	Cross	Function
1	BLUE	0.5	J/23	HIGH MOT. TEMP.
2	PURPLE-BLACK	0.5	J/30	MOTOR TEMP.

X14 COOLING LEVEL				
PIN	Colour	Sec.	Cross	Function
3	PURPLE	0.5	J/24	(H2O) RAD. LIQUID LEVEL

X11 FLOW SWITCH				
PIN	Colour	Sec.	Cross	Function
1	WHITE	0.5	J/40	FLOW
2	GREY	0.5	S_GND	GND

X10 EMERGENCY				
PIN	Colour	Sec.	Cross	Function
1	WHITE	0.5	J/25	EMERGENCY
2	GREY	0.5	S_GND	GND

X9 COMMON RAIL SENSOR				
PIN	Colour	Sec.	Cross	Function
1	WHITE	0.5	J/36	COMMON RAIL SENS.
2	GREY	0.5	S_GND	GND

X8 FUEL SENSOR				
PIN	Colour	Sec.	Cross	Function
1	ORANGE	0.5	J/39	FUEL RESERVE
2	ORANGE-BLACK	0.5	J/31	FUEL LEVEL
3	GREY	0.5	S_GND	GND

X6 ALTERNATOR				
PIN	Colour	Sec.	Cross	Function
1	RED	6	X5/4	B+
2	GREEN	0.75	J/26	D+
3	WHITE-RED	0.5	J/7	W

X2 WATER PRESSURE				
PIN	Colour	Sec.	Cross	Function
B	BROWN	0.35	J/17	+ 15 PRES. TRANS.
C	BLUE	0.35	J/4	SGN PRES. TRANS.

X3 CLUTCH				
PIN	Colour	Sec.	Cross	Function
1	WHITE	0.75	J/9	2° ENG. + CLUTCH
2	BLUE	0.75	J/8	2° ENG. - CLUTCH

X4 ACCELERATOR				
PIN	Colour	Sec.	Cross	Function
1	WHITE	0.75	J/11	1° ENG. + ACC.
2	BLUE	0.75	J/10	1° ENG. - ACC.

