

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	AIR INLET TEMP SENSOR GROUND	TO AIR INLET TEMPERATURE SENSOR - #2
2	ANALOGUE RETURN	TO WATER IN FUEL - #3
3	ANALOGUE RETURN	TO ANALOGUE RETURN 2 SPICE
4	BATTERY POSITIVE (+)	TO 12 SOCKET D CONNECTOR - #11
5	TV SUPPLY	TO TV SUPPLY SPICE
6	BATTERY POSITIVE (+)	TO 12 SOCKET D CONNECTOR - #11
7	ANALOGUE RETURN	TO ANALOGUE RETURN SPICE
8	BATTERY NEGATIVE (-)	TO BATTERY (-) SPICE
9	MAIN POWER RELAY COIL (+)	TO BATTERY (+) SPICE
10	BATTERY NEGATIVE (-)	TO BATTERY (-) SPICE
11	KEYSWITCH	TO KEYSWITCH SPICE
12	BATTERY NEGATIVE (-)	TO BATTERY (-) SPICE
13	BATTERY POSITIVE (+)	TO 12 SOCKET D CONNECTOR - #12

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	OK TO ELEVATE SPEED RETURN	TO ANALOGUE RETURN 2 SPICE
2	SWITCH INPUT RETURN	TO 12 SOCKET D CONNECTOR - #25
3	SWITCH INPUT RETURN	PIN JUMPER

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	CAN A (+)	TO CAN C (+) CABLE (SPICE)
2	CAN B (+)	TO CAN C (+) CABLE (SPICE)
3	CAN C (+)	TO CAN C (+) CABLE (SPICE)

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	WATER IN FUEL SIGNAL	TO WATER IN FUEL - #3
2	WATER IN FUEL POWER SUPPLY	TO KEYSWITCH SPICE
3	WATER IN FUEL RETURN	TO CUSTOMER POWER CONNECTOR - #4
4	AIR INLET TEMP SENSOR SIGNAL	TO AIR INLET TEMP SENSOR - #2
5	AIR INLET TEMP SENSOR GROUND	TO CUSTOMER POWER CONNECTOR - #3
6	COOLANT LEVEL SWITCH SIGNAL	TO SUPPLY SPICE
7	COOLANT LEVEL SWITCH POWER	TO SUPPLY SPICE
8	COOLANT LEVEL SWITCH RETURN	TO ANALOGUE RETURN SPICE
9	BREATHER WATER POSITIVE	TO SPICE 1
10	BREATHER HEATER GROUND	TO BATTERY (-) SPICE
11	LOW PRESSURE LIFT PUMP GND	TO 12 SOCKET D CONNECTOR - #1
12	LOW PRESSURE LIFT PUMP GND	TO BATTERY (-) SPICE

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	ETHER START AID SOLENOID (HS)	TO 12 SOCKET CONNECTOR - #10
2	ETHER START AID SOLENOID (LS)	TO BATTERY (-) SPICE

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	WAIT TO DISCONNECT (+)	TO SPICE
2	WAIT TO DISCONNECT (-)	TO CAN A SHIELDED SPICE

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	DEF PRESSURE SENSOR (V)	TO TV SUPPLY SPICE
2	DEF PRESSURE SENSOR SIGNAL	TO 12 SOCKET CONNECTOR - #44
3	DEF PRESSURE SENSOR GROUND	TO ANALOGUE RETURN SPICE
4	DEF PUMP MOTOR GROUND	TO BATTERY (-) SPICE
5	DEF PUMP MOTOR SUPPLY	TO 12 SOCKET CONNECTOR - #38
6	DEF PUMP CONTROL SIGNAL	TO 12 SOCKET CONNECTOR - #11
7	DEF PUMP REVERSING VALVE (LS)	TO BATTERY (-) SPICE
8	DEF PUMP REVERSING VALVE (HS)	TO 12 SOCKET B CONNECTOR - #8

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	DEF PRESSURE HEATED LINE (+)	TO DEF SUPPLY SPICE
2	DEF PRESSURE HEATED LINE (-)	TO 12 SOCKET CONNECTOR - #17

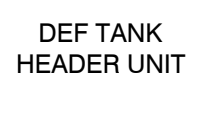
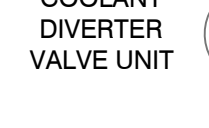
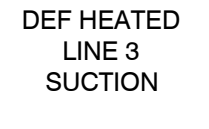
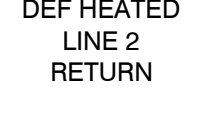
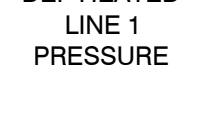
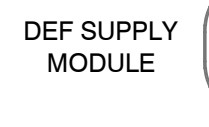
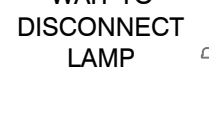
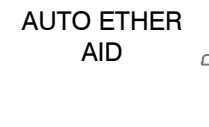
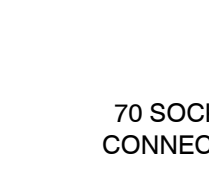
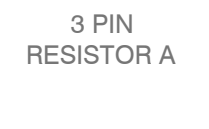
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1	DEF RETURN HEATED LINE (+)	TO DEF SUPPLY SPICE
2	DEF RETURN HEATED LINE (-)	TO 12 SOCKET CONNECTOR - #19

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	DEF SUCTION HEATED LINE (+)	TO DEF SUPPLY SPICE
2	DEF SUCTION HEATED LINE (-)	TO 12 SOCKET CONNECTOR - #24

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	COOLANT DIVERTER VALVE POWER	TO DEF SUPPLY SPICE
2	COOLANT DIVERTER VALVE GROUND	TO 12 SOCKET CONNECTOR - #10

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	CAN C (+)	TO CAN C (+) CABLE (SPICE)
2	CAN C (+)	TO CAN C (+) CABLE (SPICE)
3	DEF TANK HEATER UNIT GROUND	TO BATTERY (-) SPICE
4	DEF TANK HEATER POWER SUPPLY	TO DEF SUPPLY SPICE

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	CAN C (+)	TO CAN C (+) CABLE (SPICE)
2	CAN C (+)	TO CAN C (+) CABLE (SPICE)



NOTE: ZIP TIE 2 PIN JUMPER TO HARNESS DO NOT PLUG IN TO 2 SOCKET

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	WATER IN FUEL SIGNAL	TO 12 SOCKET CONNECTOR - #3
2	WATER IN FUEL POWER SUPPLY	TO KEYSWITCH SPICE
3	WATER IN FUEL RETURN	TO CUSTOMER POWER CONNECTOR - #4

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	AIR INLET TEMP SENSOR SIGNAL	TO 12 SOCKET CONNECTOR - #22
2	AIR INLET TEMP SENSOR GROUND	TO CUSTOMER POWER CONNECTOR - #3

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	COOLANT LEVEL SWITCH (+)	TO SUPPLY SPICE
2	COOLANT LEVEL SWITCH RETURN	TO ANALOGUE RETURN SPICE
3	COOLANT LEVEL SWITCH SIGNAL	TO 12 SOCKET CONNECTOR - #22

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	BREATHER WATER POSITIVE	TO SPICE 1
2	BREATHER HEATER GROUND	TO BATTERY (-) SPICE

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	LOW PRESSURE LIFT PUMP GND	TO 12 SOCKET D CONNECTOR - #1
2	LOW PRESSURE LIFT PUMP GND	TO BATTERY (-) SPICE

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	GND WIRES TO BATTERY (-) PORT	TO BATTERY (-) SPICE

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	BATT. WIRES BATTERY (+)	TO BATTERY (+) SPICE

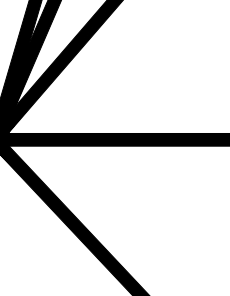
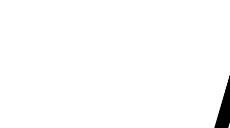
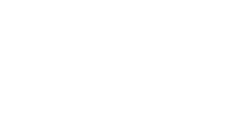
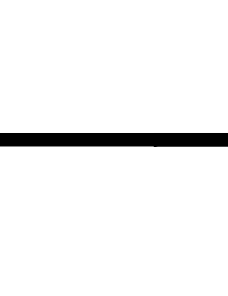
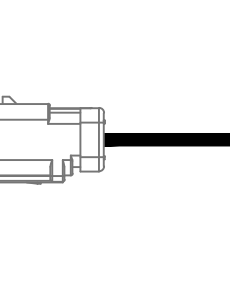
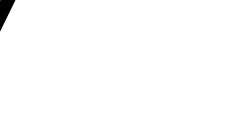
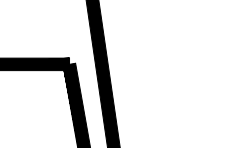
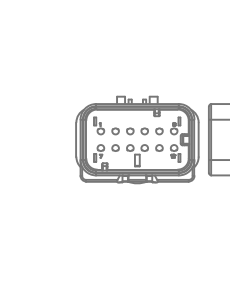
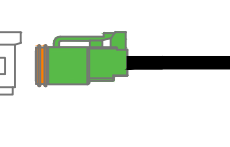
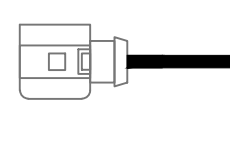
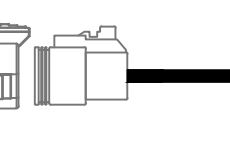
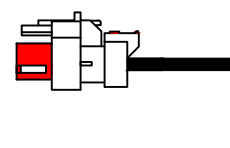
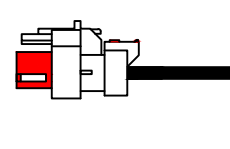
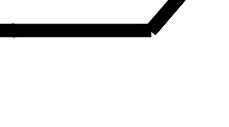
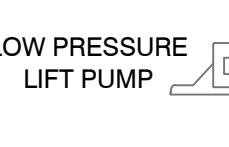
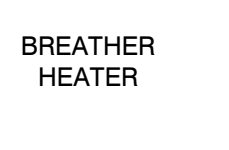
#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	STARTER RELAY - NO	TO 12 SOCKET B CONNECTOR - #1
2	STARTER RELAY - NO	TO 12 SOCKET B CONNECTOR - #2

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	ALTERNATOR EXCITE (D+)	TO 12 SOCKET B CONNECTOR - #9

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	GLOW PLUG	TO 12 SOCKET D CONNECTOR - #1

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	GLOW PLUG	TO 12 SOCKET D CONNECTOR - #1

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	NOX SENSOR 1 SUPPLY	TO NOX SENSOR 1 UPSTREAM - #1
2	NOX SENSOR 1 GROUND	TO NOX SENSOR 1 UPSTREAM - #4
3	NOX SENSOR 2 SUPPLY	TO NOX SENSOR 2 DOWNSTREAM - #1
4	NOX SENSOR 2 GROUND	TO NOX SENSOR 2 DOWNSTREAM - #4
5	TEMPERATURE SENSOR SUPPLY	TO DOC, DPF, SCR INLET TEMP SENSOR - #1
6	TEMPERATURE SENSOR GROUND	TO DOC, DPF, SCR INLET TEMP SENSOR - #2
7	DEF INJECTOR (HS)	TO DEF INJECTOR - #1
8	DEF INJECTOR (LS)	TO DEF INJECTOR - #2
9	CAN C (+)	TO CAN C (+) SPICE
10	CAN C (+)	TO CAN C (+) SPICE



TO POWER DISTRIBUTION MODULE

#	DESCRIPTION
1	REMOTE ENGINE SHUTDOWN
2	BW COMMON FROM ECM
3	STARTER REQUEST
4	TRUCK CAN HIGH
5	TRUCK CAN LOW
6	CAN SHIELD
7	KEYSWITCH INPUT
8	CONSTANT VOLTAGE SUPPLY
9	GROUND

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	LOW PLUS	TO LOW PLUS SPICE
2	LOW PLUS	TO LOW PLUS SPICE
3	LOW PLUS	TO LOW PLUS SPICE
4	LOW PLUS	TO LOW PLUS SPICE
5	LOW PLUS	TO LOW PLUS SPICE
6	BATTERY (-)	TO BATTERY (-) SPICE
7	BATTERY (-)	TO BATTERY (-) SPICE
8	BATTERY (-)	TO BATTERY (-) SPICE
9	BATTERY (-)	TO BATTERY (-) SPICE
10	BATTERY (-)	TO BATTERY (-) SPICE
11	BATTERY (-)	TO BATTERY (-) SPICE
12	BATTERY (-)	TO BATTERY (-) SPICE

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	LOW PRESSURE LIFT PUMP GND	TO LOW PRESSURE LIFT PUMP - #1
2	BATTERY POSITIVE (+)	TO CUSTOMER POWER CONNECTOR - #8
3	REMOTE SHUTDOWN	TO 12 SOCKET CONNECTOR - #45
4	STARTER CONTROL RELAY COIL (+)	TO 12 SOCKET CONNECTOR - #52
5	STARTER CONTROL RELAY COIL (-)	TO 12 SOCKET CONNECTOR - #52
6	CAN (+)	TO 12 SOCKET CONNECTOR - #25
7	SCR RELAY NO	TO DEF SUPPLY SPICE
8	STARTER CONTROL REQUEST	TO 12 SOCKET CONNECTOR - #48
9	BREATHER (+) WIRE (+)	TO SPICE 1
10	REMOTE SHUTDOWN RETURN	TO ANALOGUE RETURN 2 SPICE
11	BATTERY POSITIVE (+)	TO CUSTOMER POWER CONNECTOR - #10
12	BATTERY POSITIVE (+)	TO CUSTOMER POWER CONNECTOR - #10

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	STARTER RELAY - NO	TO STARTER SOLENOID 1/4" RING TERMINAL
2	STARTER RELAY - NO	TO STARTER SOLENOID 1/4" RING TERMINAL
3	LOW PRESSURE LIFT PUMP COIL (+)	TO 12 SOCKET CONNECTOR - #7
4	KEYSWITCH	TO KEYSWITCH SPICE
5	DEF RELAY COIL (+)	TO 12 SOCKET CONNECTOR - #9
6	DEF RELAY NO	TO DEF SUPPLY MODULE - #16
7	SCR RELAY NO	TO DEF SUPPLY SPICE
8	SCR RELAY NO	TO DEF SUPPLY SPICE
9	ALTERNATOR EXCITE (D+)	TO ALTERNATOR EXCITE RING TERMINAL
10	SCR RELAY COIL (-)	TO 12 SOCKET CONNECTOR - #9
11	LOW PLUS RELAY COIL (+)	TO 12 SOCKET CONNECTOR - #5
12	MAIN POWER RELAY COIL (-)	TO CUSTOMER POWER CONNECTOR - #13

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	DEF INJECTOR (HS)	TO AFTERTREATMENT CEM INTERFACE - #7
2	DEF INJECTOR (LS)	TO AFTERTREATMENT CEM INTERFACE - #8

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	NOX SENSOR 1 SUPPLY	TO AFTERTREATMENT CEM INTERFACE - #1
2	NOX SENSOR 1 GROUND	TO AFTERTREATMENT CEM INTERFACE - #2
3	CAN C (+)	TO CAN C (+) SPICE
4	CAN C (+)	TO CAN C (+) SPICE

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	NOX SENSOR 2 SUPPLY	TO AFTERTREATMENT CEM INTERFACE - #3
2	NOX SENSOR 2 GROUND	TO AFTERTREATMENT CEM INTERFACE - #4
3	CAN C (+)	TO CAN C (+) SPICE
4	CAN C (+)	TO CAN C (+) SPICE

#	DESCRIPTION	TERMINATION/CONNECTION POINT
1	TEMPERATURE SENSOR SUPPLY	TO AFTERTREATMENT CEM INTERFACE - #5
2	TEMPERATURE SENSOR GROUND	TO AFTERTREATMENT CEM INTERFACE - #6
3	CAN C (+)	TO CAN C (+) SPICE
4	CAN C (+)	TO CAN C (+) SPICE