ADDITION A

ATD ENGINE CONTROL UNIT

DESCRIPTION

- 1-4 GLOW PLUGS
- 5-8 PD INJECTORS
- 9 EGR SOLENOID
- 10 VARIABLE TURBINE SOLENOID
- 11 THROTTLE CONTROL SOLENOID VALVE
- 12 FUEL TEMPERATURE SENSOR
- 13 COOLANT TEMPERATURE SENSOR
- 14 AIR TEMPERATURE AND MAP SENSOR
- 15 COOLANT HEATER
- 16 CLUTCH SWITCH
- 17 BRAKE PEDAL SWITCH
- 18 ACCELERATOR PEDAL POSITION SENSOR
- 20 CAMSHAFT POSITION SENSOR
- 21 CRANKSHAFT POSITION SENSOR
- 22 MAF SENSOR
- 23 ENGINE OIL TEMPERATURE/PRESSURE SENSOR
- 24 FUEL PUMP MOTOR
- 25 FUEL PUMP MOTOR RELAY
- 26 CRANKCASE VENTILATION HEATER
- 27 COOLING FAN MOTOR RELAY
- 28 COOLING FAN MOTOR
- 31 PERNAMENT NEGATIVE
- 30 PERNAMENT POSITIVE
- 15 SWITCHING POSITIVE
BXE ENGINE CONTROL UNIT

DESCRIPTION

- 1-4 GLOW PLUGS
- 5-8 PD INJECTORS
- 9 EGR SOLENOID
- 10 WASTEGATE SOLENOID
- 11 EGR COOLING SOLENOID
- 12 FUEL TEMPERATURE SENSOR
- 13 COOLANT TEMPERATURE SENSOR
- 14 INLET AIR TEMPERATURE SENSOR
- 15 COOLANT TEMPERATURE SENSOR (OUTLET OF RADIATOR)
- 16 CLUTCH SWITCH
- 17 BRAKE PEDAL SWITCH
- 18 ACCELERATOR PEDAL POSITION SENSOR
- 19 BOOST PRESSURE SENSOR
- 20 CAMSHAFT POSITION SENSOR
- 21 CRANKSHAFT POSITION SENSOR
- 22 MAF SENSOR
- 23 ENGINE OIL TEMPERATURE/PRESSURE SENSOR
- 24 FUEL PUMP MOTOR
- 25 FUEL PUMP MOTOR RELAY
- 26 ENGINE INTAKE FLAP MOTOR RELAY
- 27 ENGINE INTAKE FLAP MOTOR
- 31 PERNAMENT NEGATIVE
- 30 PERNAMENT POSITIVE
- 15 SWITCHING POSITIVE
DV4 TD ENGINE CONTROL UNIT

DESCRIPTION

- 1-4 COMMON RAIL INJECTORS
- 5 FUEL TEMPERATURE SENSOR
- 6 FUEL PRESSURE SENSOR
- 7-10 GLOW PLUGS
- 11 MAIN RELAY FOR STABLE VOLTAGE
- 12 EGR VALVE
- 13 EGR VALVE LIFT SENSOR
- 14 FUEL PRESSURE REGULATOR
- 15 COOLANT TEMPERATURE SENSOR
- 16 INLET AIR TEMPERATURE SENSOR
- 17 HIGH PRESSURE AIR SENSOR
- 18 CRANKSHAFT POSITION SENSOR
- 19 MASS AIRFLOW SENSOR
- 20 CAMSHAFT POSITION SENSOR
- 21 BRAKE SWITCH
- 22 CLUTCH SWITCH
- 23 ACCELERATOR PEDAL POSITION SENSOR
- 30 PERMANENT POSITIVE
- 31 PERMANENT NEGATIVE
- 15 SWITCHING POSITIVE
ASV ENGINE CONTROL UNIT

DESCRIPTION

- 1-4 GLOW PLUGS
- 5 FUEL SHUT OFF VALVE
- 6 EGR SOLENOID
- 7 VARIABLE TURBINE SOLENOID
- 8 THROTTLE CONTROL SOLENOID VALVE
- 9 FUEL TEMPERATURE SENSOR
- 10 COOLANT TEMPERATURE SENSOR
- 11 AIR TEMPERATURE AND MAP SENSOR
- 12 COOLANT HEATER
- 13 CLUTCH SWITCH
- 14 BRAKE PEDAL SWITCH
- 15 ACCELERATOR PEDAL POSITION SENSOR
- 16 Injector Needle Lift Sensor
- 17 CRANKSHAFT POSITION SENSOR
- 18 MAF SENSOR
- 19 ENGINE OIL TEMPERATURE/PRESSURE SENSOR
- 20 FUEL PUMP MOTOR
- 21 FUEL PUMP MOTOR RELAY
- 22 CRANKCASE VENTILATION HEATER
- 23 COOLING FAN MOTOR RELAY
- 24 COOLING FAN MOTOR
- 31 PERMANENT NEGATIVE
- 30 PERMANENT POSITIVE
- 15 SWITCHING POSITIVE