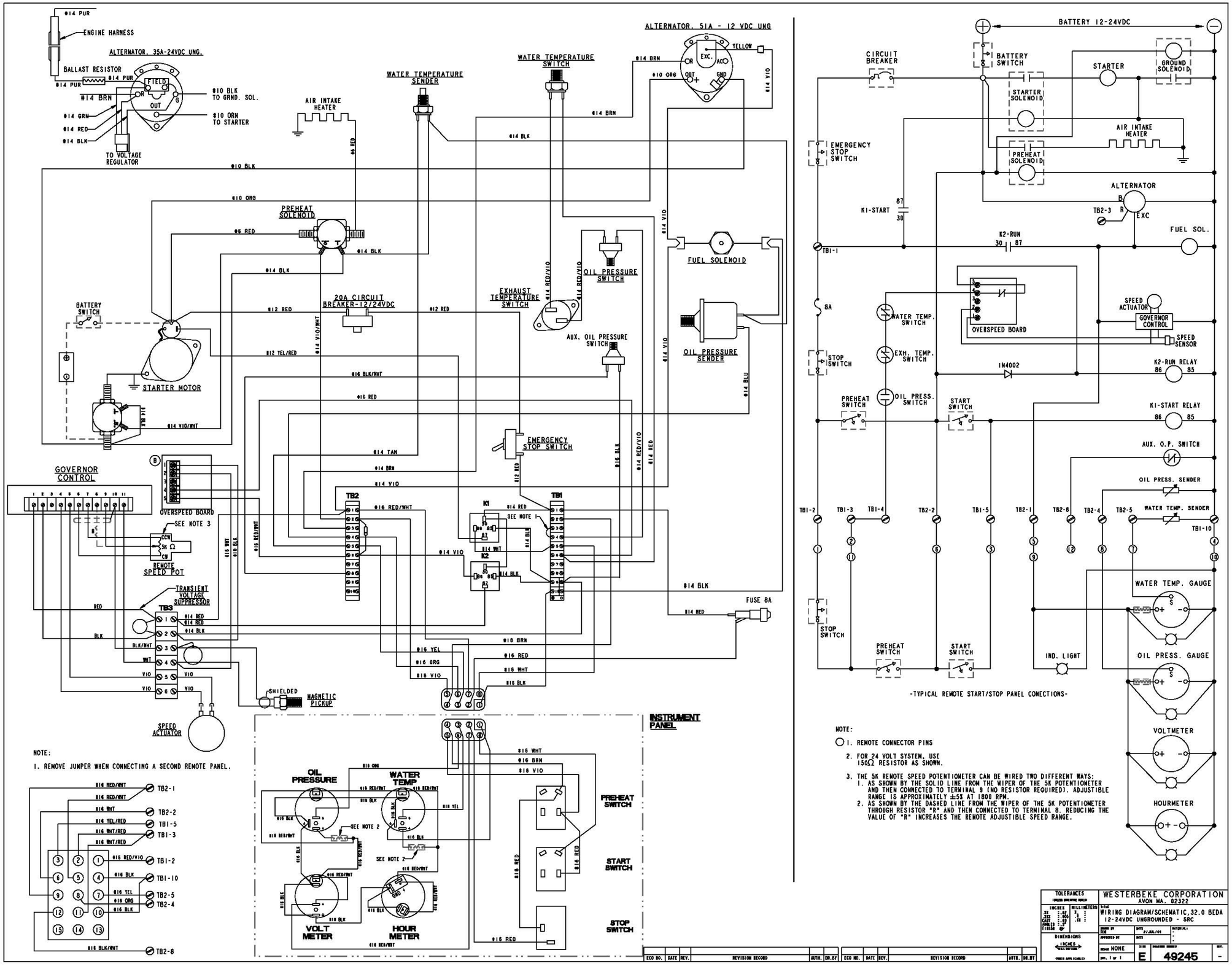
ENGINE HARNESS
ALTERNATOR, 35A-24VDC UNG.
BALLAST RESISTOR
TO VOLTAGE REGULATOR
#10 BLK TO GRND. SOL.
#10 ORN TO STARTER
AIR INTAKE HEATER
WATER TEMPERATURE SENDER
WATER TEMPERATURE SWITCH
ALTERNATOR, 51A - 12 VDC UNG
PREHEAT SOLENOID
BATTERY SWITCH
STARTER MOTOR
20A CIRCUIT BREAKER-12/24VDC
EXHAUST TEMPERATURE SWITCH
OIL PRESSURE SWITCH
AUX. OIL PRESSURE SWITCH
FUEL SOLENOID
OIL PRESSURE SENDER
EMERGENCY STOP SWITCH
GOVERNOR CONTROL
OVERSPEED BOARD
SEE NOTE 3
REMOTE SPEED POT
TRANSIENT VOLTAGE SUPPRESSOR
SPEED ACTUATOR
SHIELDED
MAGNETIC PICKUP
FUSE 8A
INSTRUMENT PANEL
OIL PRESSURE
WATER TEMP
VOLT METER
HOUR METER
PREHEAT SWITCH
START SWITCH
STOP SWITCH
SEE NOTE 2
NOTE:
1. REMOVE JUMPER WHEN CONNECTING A SECOND REMOTE PANEL.
TB2-1
TB2-2
TB1-5
TB1-3
TB1-2
TB1-10
TB2-5
TB2-4
TB2-8
BATTERY 12-24VDC
CIRCUIT BREAKER
BATTERY SWITCH
STARTER
GROUND SOLENOID
STARTER SOLENOID
AIR INTAKE HEATER
PREHEAT SOLENOID
EMERGENCY STOP SWITCH
ALTERNATOR
K1-START
K2-RUN
FUEL SOL.
TB1-1
8A
WATER TEMP. SWITCH
EXH. TEMP. SWITCH
OIL PRESS. SWITCH
OVERSPEED BOARD
SPEED ACTUATOR
GOVERNOR CONTROL
SPEED SENSOR
1N4002
K2-RUN RELAY
K1-START RELAY
AUX. O.P. SWITCH
OIL PRESS. SENDER
WATER TEMP. SENDER
WATER TEMP. GAUGE
OIL PRESS. GAUGE
IND. LIGHT
VOLTMETER
HOURMETER
-TYPICAL REMOTE START/STOP PANEL CONECTIONS-
NOTE:
1. REMOTE CONNECTOR PINS
2. FOR 24 VOLT SYSTEM, USE 150Ω RESISTOR AS SHOWN.
3. THE 5K REMOTE SPEED POTENTIOMETER CAN BE WIRED TWO DIFFERENT WAYS:
1. AS SHOWN BY THE SOLID LINE FROM THE WIPER OF THE 5K POTENTIOMETER AND THEN CONNECTED TO TERMINAL 9 (NO RESISTOR REQUIRED). ADJUSTIBLE RANGE IS APPROXIMATELY ±5% AT 1800 RPM.
2. AS SHOWN BY THE DASHED LINE FROM THE WIPER OF THE 5K POTENTIOMETER THROUGH RESISTOR "R" AND THEN CONNECTED TO TERMINAL 8. REDUCING THE VALUE OF "R" INCREASES THE REMOTE ADJUSTIBLE SPEED RANGE.
WESTERBEKE CORPORATION
AVON MA. 02322
WIRING DIAGRAM/SCHEMATIC,32.0 BEDA
12-24VDC UNGROUNDED - SRC
49245
E