#10 ORN
#14 BRN
ALTERNATOR, 51A
P
EXC
S
GND
B
CIRCUIT BREAKER
20 AMP
#10 ORN
#12 RED
#12 RED
#14 BRN
SPARK PLUGS
OIL PRESSURE SWITCH
#16 RED/PUR
#16 RED/PUR
#14 PUR
CHOKE
#14 BLK
#14 PUR
#14 PUR
#16 LT. BLUE
OIL PRESSURE SENDER
OPTIONAL
LIFT PUMP
DISTRIBUTOR
#14 BLU
#16 BLK/WHT
#14 DK. BLU
WATER TEMP. SENDER
OPTIONAL
BATTERY SWITCH
STARTER
12 VDC
GROUND TO BLOCK
#12 YEL/RED
#16 TAN
#14 PUR
#16 RED/PUR
#16 RED/PUR
WATER TEMP. SWITCH
EXHAUST TEMP. SWITCH
#14 BRN
#16 RED/PUR
#14 BLK
#12 RED
#12 RED
#16 TAN
#14 PUR
K1
#12 RED
#16 BLK
#14 BRN
#16 YEL
#16 TAN
#16 LT. BLU
#14 DK. BLU
#14 RED
STOP SWITCH
#12 YEL/RED
#12 YEL/RED
FUSE 2 15 AMP S.B.
#16 BLK
#16 BLK
#14 PUR
#16 BLK/WHT
#16 RED/PUR
K2
HOUR METER
#16 YEL
#16 RED/PUR
#16 PUR
#14 PUR
#16 RED/PUR
#16 YEL
#16 YEL
#12 RED
START SWITCH
#16 YEL
#14 RED
#14 PUR
#14 YEL/RED
FUSE 1 8 AMP
#14 RED/PUR
#14 RED
#14 RED
ON SWITCH
TB3
ON
START
TB2
FOR CONNECTIONS TO REMOTE START AND REMOTE INSTRUMENT PANELS, SEE DRAWINGS #35706 & #35688.
TB1
STOP
REMOVE JUMPER BETWEEN TB1-1 AND TB1-2 WHEN USING REMOTE PANEL.
T1 T2 T3 T4 T5
OVERSPEED CIRCUIT

#14 BRN
#14 PUR
EXC
P
S
B
GND
#10 ORN
#14 BLK
GND
ALTERNATOR, 35 AMP

#14 BRN
A.C. TAP
#14 BLK
IND. LIGHT
OUTPUT
#10 ORN
GND
#14 PINK
EXC FIELD
#14 RED
PRESTOLITE 51 AMP ALT.

| ECO NO. | DATE | REV. | REVISION RECORD | AUTH. | DR.BY |
|---|---|---|---|---|---|

12 VDC
BATTERY SWITCH
STARTER SOLENOID
STARTER
ALTERNATOR
B
L
TB3-4
20 AMP CIRCUIT BREAKER
STOP SWITCH
HOURMETER
CARBURETOR CHOKE
FUEL PUMP
OIL PRESS. SWITCH
WATER TEMP SWITCH
EXHAUST TEMP SWITCH
F2 15 AMP
OIL PRESSURE SENDER (OPTIONAL)
WATER TEMP SENDER (OPTIONAL)
TB2-1
TB2-2
COIL
DISTRIBUTOR
K1
30
87
OVERSPEED SWITCH
F1 8 AMP
ON SWITCH
K2
K2-RUN
100MFD/35V
START SWITCH
K1-START
TB1-1
TB1-2
TB3-2
TB3-3
TB2-5
REMOTE PANEL CONNECTIONS
REMOVE JUMPER BETWEEN TB1-1 AND TB1-2 WHEN USING REMOTE PANEL.
STOP SWITCH
ON SWITCH
START SWITCH

#16 BLK/WHT TO DISTRIBUTOR
#16 RED/PUR TO TB3-1
#14 DK.BLU TO COIL -
#16 BLK TO TB2-5
T1 T2 T3 T4
OVERSPEED SWITCH
(ORIGINAL OVERSPEED SWITCH CONNECTIONS)

| TOLERANCES (UNLESS OTHERWISE NOTED) | | WESTERBEKE CORPORATION AVON MA. 02322 | | |
|---|---|---|---|---|
| INCHES | MILLIMETERS | TITLE | | |
| .XX ± .02 | .X ± .5 | WIRING DIAGRAM, 8.5, 12.5, AND 15.0 KW BTG GASOLINE GENSETS | | |
| .XXX ± .010 | .XX ± .25 | | | |
| ANGLES ± 1° | | DRAWN BY ABR | DATE 07/JAN/90 | CATERPILLAR |
| FINISH 63 | | APPROVED BY | DATE | |
| DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED | | SCALE - | SIZE E | DRAWING NUMBER 44628 |
| | | | SHT. 1 OF 1 | REV. - |