10-COND. CABLE
ASPH. PUMP CONTROL

MUST INSULATE LEADS

ELC-24553, CAPACITOR FILTER

3300UF 25V

MUST ADD FOR NEW IGNITOR (COIL) ELC-81181

WHITE 12 GA R — TO BURNER

WHITE 12 GA L — HEATERS

5-AMP FUSES

TO BRAKE SAFETY SWITCH

RED 12 GA

WHT-BLK-BU 10-COND

WHT-BLK-BU 10-COND

BROWN

70 AMP RELAY

RED 12 GA IN 10-COND.

RED

PRESSURE SWITCH

RED/WHT 12 GA IN 10-COND.

12 GA GREEN WIRE BURNER SOLENOIDS

L R

F P M
R B-S W

G P M
R B-S W

TD EDC
R B

RED BROWN STRIPE

RED GREEN STRIPE

WHITE BLACK PURPLE

GREEN YELLOW STRIPE

21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

30 AMP BREAKER

RED 12 GA

6 GA RED TO BATT +12 V. (NEG. GROUND)

RED 12 GA.

50 AMP BREAKER

WHT-BLUE 10-COND

RED 16 GA

GREEN

BLACK

YELLOW

GRN-WHT FROM SLAVE

RED 12 GA

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

70 AMP RELAY

70 AMP RELAY

TO LEFT BURNER

RED 12 GA

TO RIGHT BURNER

RED 12 GA

WHT-SIL

WHT-BLK-YEL

WHT-BLU

WHT-BLK-GRN

WHT-PUR

WHT-BLK-BRN

WHT-BRN-RED

WHT-GRN

WHT-BLK-BLU

WHT-BLK-RED

WHT-BRN

WHT-BLK-ORG

WHT-BLK-GRN 10-COND.

WHT-BLK-YEL 10-COND.

RED 12 GA

RED BLUE STRIPE

SWING

LIFT

LW #1

RW #1

LW #2

RW #2

LW #3

RW #3

NC

LEFT BURNER

NC

RIGHT BURNER

RED

ALL SWITCH GROUNDS ARE JUMPED TOGETHER AND GROUNDED TO BOX GROUNDING SCREW.

WHT-YEL STRIPE

WHT-BLK STRIPE

BURNERS WIRED WITH 4-COND. CORD ASSY

TO LEFT BURNER
BLACK 12 GA
TO RIGHT BURNER
BLACK 12 GA

REAR CONTROL BOX
WIRING SERIAL SYSTEM

05/24/02