CPU/J3

1 2 3 4 5 6 7 8 9 10 11 12 13 14

WHT-VIO
GRN-YEL
GRN-ORG
GRN-VIO
BLK
WHT-PNK
GRY-VIO
GRY-BLU
GRY-BRN
GRY-ORG
GRY-BLK
GRY-GRN

HIGH STROBE
TRUCK FORWARD
+TRUCK REVERSE
MOTOR 12V
CAR LAMP
LOW STROBE
+CAR VERTICAL MOVE
MOTOR 12V
-TRUCK REVERSE

CPU/J2

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

YEL-PNK
YEL-ORG
YEL-GRY
GRN-BLK
GRN-BRN
GRN-YEL
WHT-GRY
WHT-ORG
WHT-BRN
WHT-BLU
YEL-GRN
YEL-BRN
YEL-BLK
YEL-VIO
WHT-ORG
WHT-BLU

STROBE 5
STROBE 7
PEDAL LAMP

LAMP #1
LAMP #3
LAMP #5
LAMP #7
STROBE 3
STROBE 1
STROBE 2
STROBE 4
STROBE 6
STROBE 8
LAMP #2
LAMP #4
LAMP #6
LAMP #8

CPU/J11

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

GRY-BRN
GRY-BLK

TICKET AWARDS PANEL

GRY-ORG
GRY-BLU
GRY-BRN

1 2 3 4 5 6 7

YEL-BKL
YEL-BRN
YEL-RED
YEL-ORG
YEL-PNK
YEL-GRN
YEL-BLU
YEL-VIO

J2P10 J2P17 J2P20 J2P7 J2P8 J2P19 J2P18 J2P9

REAR INSERT

J3 J2 J11 J12 J4

AUDIT SW. & METER BD.

J10P12
J1P18
J1P5
J1P17
J1P8
J11P8 GRY-BRN
J11P16 GRY-BLK
J10P3

1 2 3 4 5 6 7 8 9 10 11 12

KEY

AUDIT SW. & METER BD. CONN.

J5P6 VIO-PNK
J5P4 GRN-VIO
J5P2 GRN-ORG
J1P2 BLK-RED
J2P4 GRN-BLK
J5P10 GRN-BRN
J1P12 BLK-GRY
J1P4 PNK-BLK
J1P14 BLK-BRN
J1P13 BLK-VIO
J1P3 BLK-ORG
J1P10 BLK
J10P14 WHT

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

BLK-RED
BLK-GRY
BLK-VIO
BLK-ORG
BLK

PLAY FIELD CONNECTOR

CRASH MOTOR

1 2

M

CRUSH MOTOR

FORWARD ALERT SW.

FWD. LIMIT SW.

UP CRUSH SW

DN. CRUSH SW

BACK LIMIT SW.

BACK ALERT SW.

CRUSH CAR LAMP

PLAY FIELD CONNECTOR

CPU/J1

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

TRUCK UP SW
FORWARD ALERT SW
BACKWARD ALERT SW
CAR UP SW
GRND
COIN SW 2
PEDAL
AUDIT 1 & TKT. DUMP TO METER
AUDIT 2
GRND
TRUCK DOWN SW
FORWARD LIMIT SW
BACKWARD LIMIT SW
CAR DN SW
COIN SW 1
TICKET NOTCH
AUDIT 3
TICKET RESUME & AUDIT 4

BLK-YEL
BLK-RED
BLK-ORG
PNK-BLK
BLK-BLU
GRND
BLU-ORG
BLU-GRN
BLU-BLK
BLU-PNK
BLK
BLK-GRN
BLK-GRY
BLK-VIO
BLK-BRN
BLU-YEL
BLU-VIO
BLU-BRN
BLU-RED

BONUS DISPLAY PCB

PNK-YEL J5P10
PNK-RED J5P7
PNK-GRN J5P4
PNK-WHT J5P12
PNK-BLU J5P11

1 2 3 4 5 6

PNK

PNK-GRN SCORE STROBE
PNK-VIO AUDIT STROBE
PNK-ORG GND
PNK-RED +12V

PNK-YEL SCORE DATA & AUDIT DATA
PNK-BLU SCORE DATA & AUDIT CLOCK
PNK-WHT GND

CPU/J5

J1 J7 J10

MAIN CPU
237-0252-00

CPU/J12

GND +12V MARS LAMP

1 2 3

BLK BRN-ORG

CPU/J6

GND GND +12V +12V

1 2 3 4 5 6

WHT WHT/RED YEL

J12 J6

SPEAKER CONN.

8 OHM

J7P2
J7P4

SPEAKER CONN.

CPU/J7

SPEAKER -
SPEAKER +

1 2 3 4

ORG
ORG-WHT

J5P1 PNK
J5P6 PNK-BLK
J5P5 PNK-VIO
J5P10 PNK-YEL
J5P11 PNK-BLU

1 2 3 4 5 6 7

AUDIT DISPLAY PCB CONN.

AUDIT DISPLAY PCB

COIN #1

COIN #2

J3P5 & 12 ORG
J1P15 BLU-YEL
J10P4 BLK-ORG
J3P5 & 12
J1P6 BLU-ORG
J1P5 BLK-BLU

9 3 4 5 2 1

COIN DOOR CONN.

OUT OF TKTS. SW.

1 2

CPU/J10

+12V
+12V
GND
GND
20V
AUDIO POWER
GND
GND
20V

1 2 3 4 5 6 7 8 9 10 11 12 13 14

ORG
ORG
BLK-ORG
BLK
WHT
BRN
BLK
BLK
WHT

ROPE LIGHTS
120V (2 PER)

BLK^
WHT^

J12P2 J3P2

2 1

J4P2 J4P4 J4P1 J4P3

4 3 2 1

BEACON LAMP

J1P1 BLK-YEL
J3P14 GRN-BLU
J3P3 GRN-YEL
J1P11 BLK-GRN
J1P10 BLK

1 2 3 4 5 6

BLK-YEL
GRN-BLU
GRN-YEL
BLK-GRN
BLK

TRUCK MOTOR

TRUCK MOTOR

FLOURESCENTS
120V (2 PER)

BLK^
GRN^
WHT^

3 A FUSE

LINE FILTER 6A

BLK^
GRN^
WHT^

ON/OFF SW

TRANSFORMER

120VAC
OV

12V YELLOW
0V YELLOW
16V WHT
0V WHT

J2P3 J1P14 J1P5 J1P7

YEL-GRY WHT BLK BLU-GRN

1 2 3 4 5 6

J3P1 J3P7

1 2 3 4 5 6

NITROUS BUTTON & GAS PEDAL
(GAS PEDAL NOT USED ON ALL MODELS)

TICKET DISPENSER

ENABLE

1 2 3 4

BLU^
BLK^
WHT^
RED^

TKT. DISP. CONN.

J10P2 ORG
J1P16 BLU-VIO
J3P1 WHT-VIO
J10P4 BLK-ORG

1 2 3 4 5 6

DRG^
BLU-VIO^
WHT-VIO^
BLK-ORG^

TICKET DOOR CONN.

1K

LED

GRY-WHT

TRAY SW.

TICKET DOOR CONN.

BROMLEY INCORPORATED

TITLE: MONSTER TRUCK
TITLE: WIRE DIAGRAM
PART No. R138
SHEET 1 OF 1