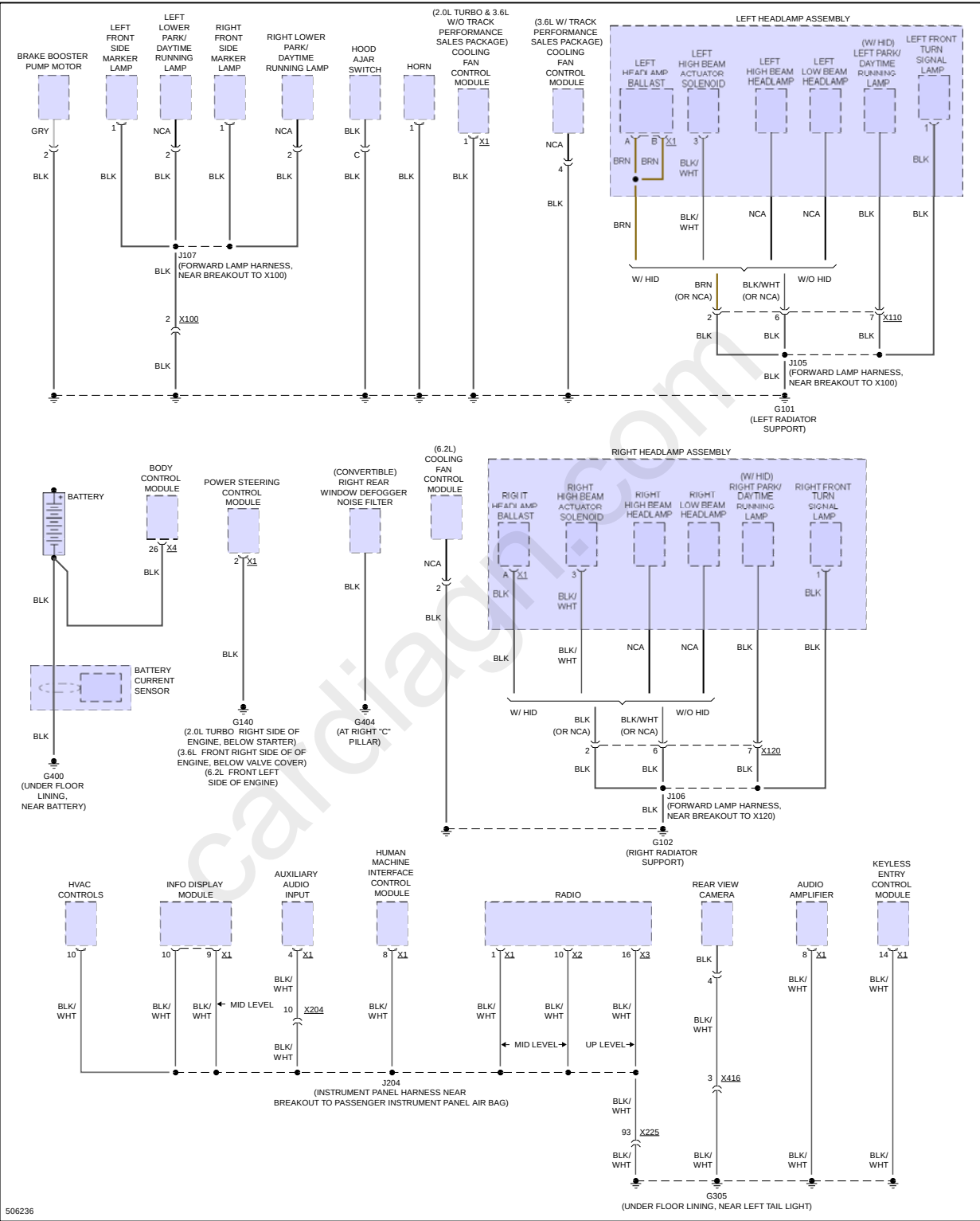


GROUND DISTRIBUTION

Fig 1: Ground Distribution Circuit (1 of 6)



(RIGHT FRONT OF ENGINE COMP) UNDERHOOD FUSE BLOCK

WINDSHIELD WASHER PUMP RELAY IGNITION MAIN RELAY

WINDSHIELD WASHER PUMP

ELECTRONIC BRAKE CONTROL MODULE

PASSENGER OUTSIDE REAR VIEW MIRROR

RIGHT TURN SIGNAL REPEATER LAMP PASSENGER OUTSIDE REAR VIEW MIRROR GLASS

(RIGHT FRONT OF ENGINE COMP) UNDERHOOD FUSE BLOCK

WINDSHIELD WIPER RELAY WINDSHIELD WIPER SPEED CONTROL RELAY

DRIVER OUTSIDE REAR VIEW MIRROR

DRIVER OUTSIDE REAR VIEW MIRROR GLASS LEFT TURN SIGNAL REPEATER LAMP

WINDSHIELD WIPER MOTOR

(M/T) BACKUP LAMP SWITCH TRANSMISSION CONTROL MODULE MULTI-FUNCTION INTAKE AIR SENSOR ENGINE OIL LEVEL SWITCH ENGINE CONTROL MODULE

BLK/WHT BLK/WHT BLK/WHT BLK/WHT BLK/WHT

G130 (2.0L TURBO REAR OF ENGINE, BELOW VALVE COVER, LEFT SIDE OF CYLINDER HEAD)
(3.6L RIGHT SIDE OF ENGINE, BOLTED TO CYLINDER HEAD, ABOVE EXHAUST MANIFOLD)
(6.2L LEFT SIDE OF ENGINE, RIGHT UPPER CORNER OF CYLINDER HEAD, BEHIND VALVE COVER)

RIGHT SIDE OBJECT SENSOR MODULE LEFT SIDE OBJECT SENSOR MODULE

BLACK BLACK BLACK

(REAR FASCIA HARNESS, NEAR BREAKOUT TO KEYLESS ENTRY ANTENNA)

J408

LEFT CYLINDER DEACTIVATION EXHAUST FLOW CONTROL VALVE RIGHT CYLINDER DEACTIVATION EXHAUST FLOW CONTROL VALVE LEFT EXHAUST FLOW CONTROL VALVE PARK BRAKE CONTROL MODULE

1 1 1 H

BLACK BLACK BLACK BLACK

J407 (REAR CHASSIS HARNESS, NEAR BREAKOUT TO LEFT REAR WHEEL SPEED SENSOR)

9 X405

BLACK

LEFT REAR SIDE MARKER LAMP RIGHT REAR SIDE MARKER LAMP

1 1

BLACK BLACK

X416

BLACK

LEFT TAIL LAMP ASSEMBLY

LEFT BACKUP LAMP LEFT STOP/TURN SIGNAL LAMP (W/O HI) LEFT TAIL LAMP (W/ HI) LOGIC

B

BLACK

NCA NCA

4 6 X410

BLACK BLACK

J388

(BELOW CENTER OF LUGGAGE COMP) REAR BODY FUSE BLOCK

REAR COMPARTMENT LID UNLATCH RELAY

14 X1

BLACK

G401 (UNDER FLOOR LINING, NEAR LEFT TAIL LIGHT)

506237

Wiring Diagram for 2004 Dodge Ram 2500/3500

Top Section:

- FOLDING TOP PUMP MOTOR ASSEMBLY (W/ ELECTRIC FOLDING SUNROOF):** Includes FOLDING TOP PUMP MOTOR RELAY 2, FOLDING TOP PUMP MOTOR RELAY 1, FOLDING TOP SOL ENGIN VALVE 3, FOLDING TOP SOL ENGIN VALVE 2, and FOLDING TOP SOL ENGIN VALVE 1. All are connected to BLK lines.
- (W/ ELECTRIC FOLDING SUNROOF) FOLDING TOP CONTROL MODULE:** Connected to BLK lines.

Middle Section:

- INFLATABLE RESTRAINT SENSING & DIAGNOSTIC MODULE:** Connected to BLK/ WHT lines.
- PASSENGER PRESENCE MODULE:** Connected to NCA, BLK/ WHT, and BLK/ WHT lines.
- LEFT REAR WINDOW MOTOR:** Connected to BLK line.
- PARKING ASSIST CONTROL MODULE:** Connected to BLK line.
- (W/ PERFORMANCE EXHAUST SYSTEM) CHASSIS CONTROL MODULE:** Connected to BLK line.
- SUNROOF MOTOR:** Connected to BLK line.
- (W/O PERFORMANCE EXHAUST SYSTEM) FUEL PUMP DRIVER CONTROL MODULE:** Connected to BLK line.
- SUSPENSION CONTROL MODULE:** Connected to BLK line.
- EXTERIOR REAR COMPARTMENT LID UNLATCH SWITCH:** Connected to BLK line.
- LEFT LICENSE PLATE LAMP:** Connected to BLK line.
- RIGHT LICENSE PLATE LAMP:** Connected to BLK line.

Bottom Section:

- IGNITION COIL 1, 3, 5, 7:** (3.6L & 6.2L) Connected to BLK lines.
- IGNITION COIL 1, 3:** (2.0L TURBO) Connected to BLK lines.
- IGNITION COIL 8:** (6.2L) Connected to BLK line.
- IGNITION COIL 6:** (3.6L & 6.2L) Connected to BLK line.
- A/C COMPRESSOR:** Connected to BLK line.
- IGNITION COIL 2, 4:** Connected to BLK lines.
- STARTER RELAY:** (RIGHT FRONT OF ENGINE COMPT) UNDERHOOD FUSE BLOCK. Connected to BLK line.

Ground Points: G205 (BELOW FLOOR CONSOLE ON CENTER TUNNEL), G303 (UNDER FLOOR LINING, NEAR LEFT TAIL LIGHT), G110 (3.6L RIGHT SIDE OF ENGINE, BOLTED TO CYLINDER HEAD), G120 (2.0L TURBO REAR OF ENGINE, BELOW VALVE COVER, LEFT SIDE OF CYLINDER HEAD), G130 (6.2L RIGHT SIDE OF ENGINE, BOLTED TO BACK SIDE OF CYLINDER HEAD).

Fig 4: Ground Distribution Circuit (4 of 6)

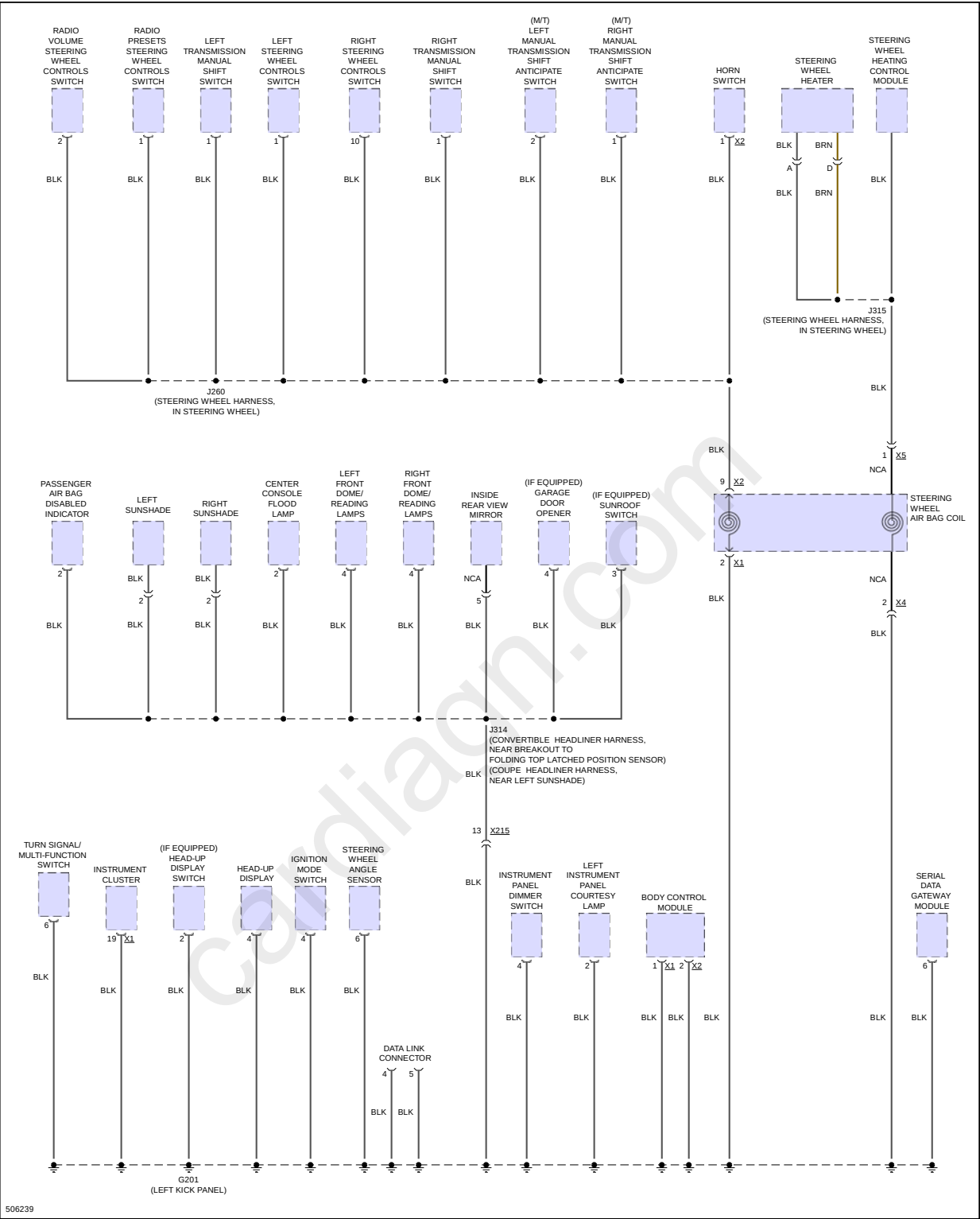


Fig 5: Ground Distribution Circuit (5 of 6)

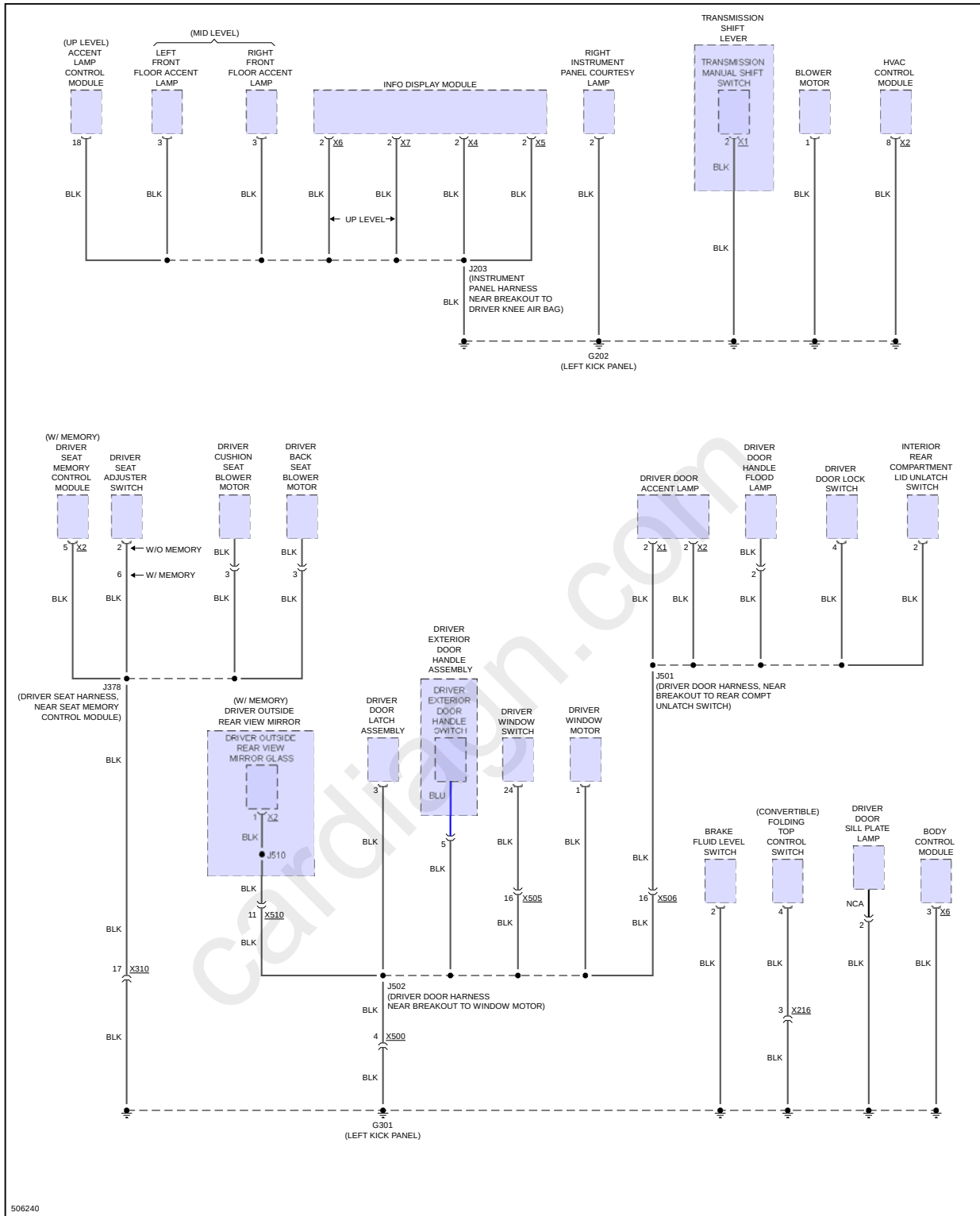


Fig 6: Ground Distribution Circuit (6 of 6)

