

SECTION : 4F

ANTILOCK BRAKE SYSTEM

CAUTION : *Disconnect the negative battery cable before removing or installing any electrical unit or when a tool or equipment could easily come in contact with exposed electrical terminals. Disconnecting this cable will help prevent personal injury and damage to the vehicle. The ignition must also be in LOCK unless otherwise noted.*

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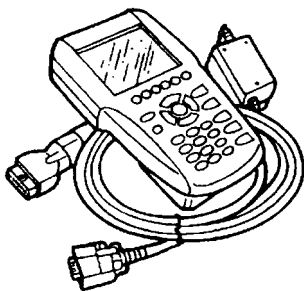
SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Application	N•m	Lb-Ft	Lb-In
ABS Solenoid Torx® Head Bolts	4.5	–	40
Bleeder Valve	9	–	80
Brake Pipe Nuts	15	11	–
Front Wheel Speed Sensor Bolt	7.8	–	69
Gear Cover Torx® Head Screws	4	–	35
Gear Nuts	8.5	–	75
Hydraulic Modulator/Motor Pack Assembly Bolt	5.4	–	48
Motor Pack Torx® Head Screws	4.5	–	40
Rear Wheel Speed Sensor Bolt	7.8	–	69
Surge Tank Mounting Bolts	8	–	71

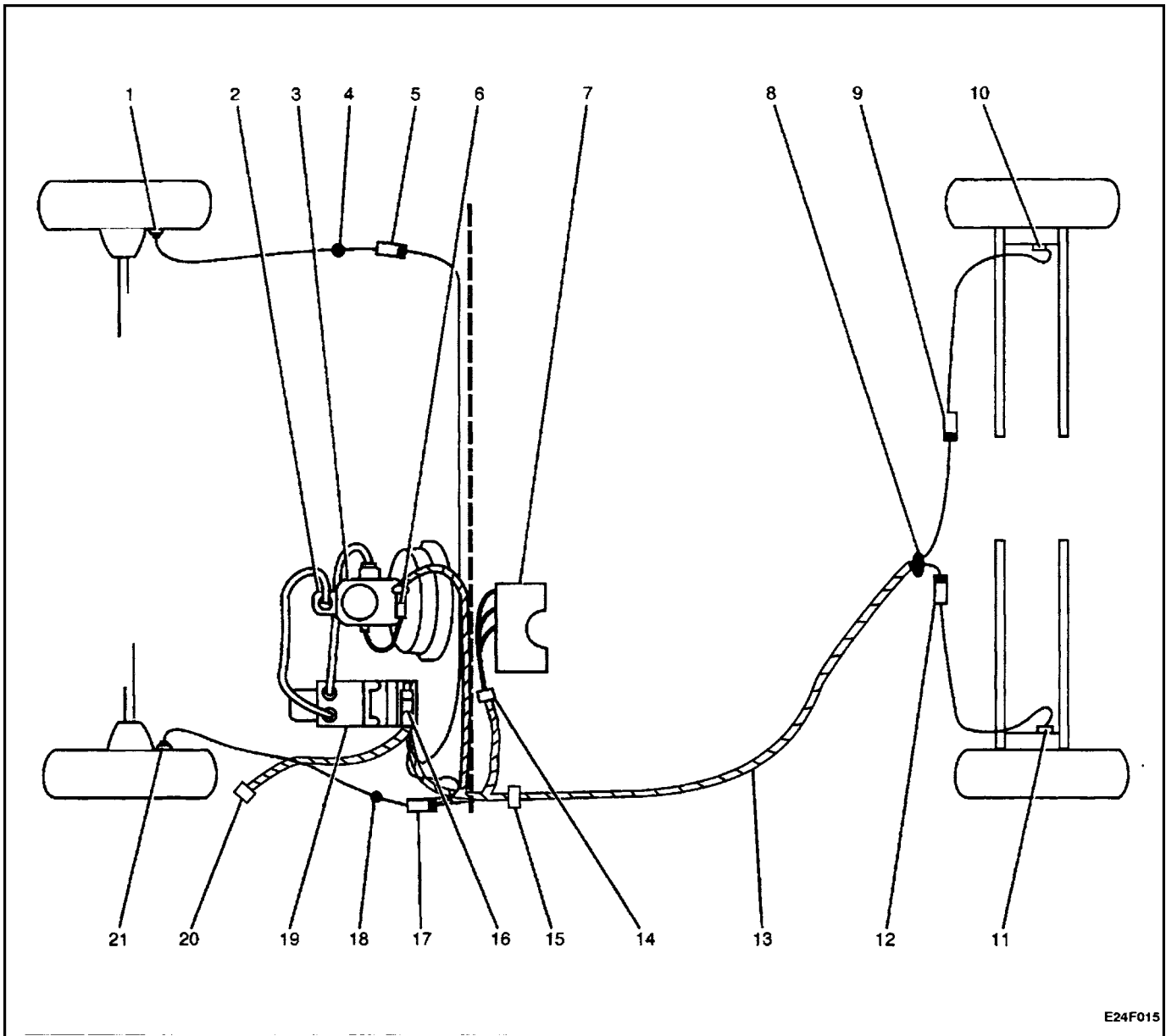
SPECIAL TOOLS

SPECIAL TOOLS TABLE

 <p style="text-align: center; font-size: small;">A410B026</p>	<p>Scan Tool</p>
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COMPONENT LOCATOR

ABS COMPONENT LOCATOR

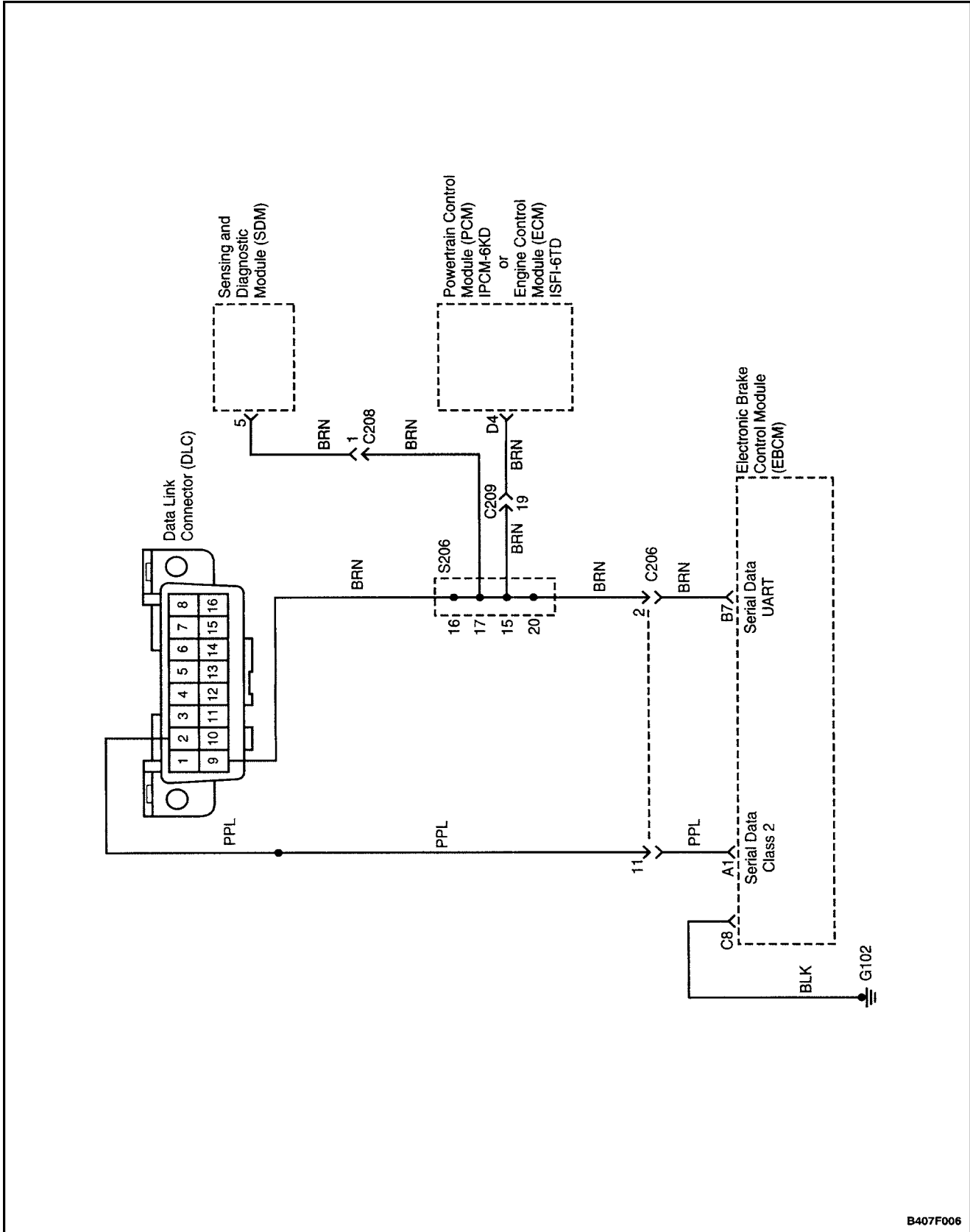


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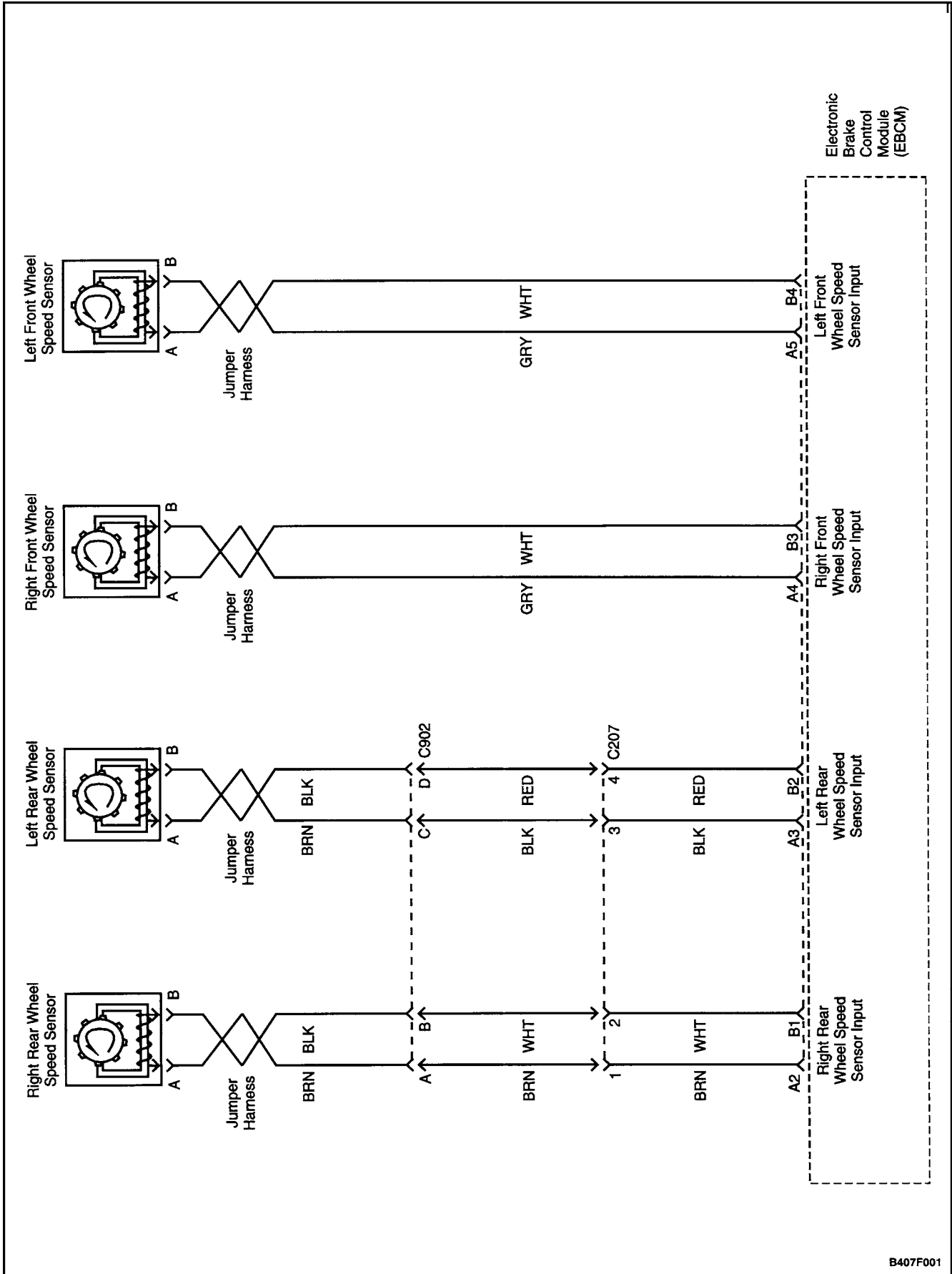
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| 1. Right Front Wheel Speed Sensor | 15. EBCM Connector J1 |
| 2. Right Front Wheel Speed Sensor Harness | 16. EBCM Connector J2 |
| 3. Brake Master Cylinder | 17. Connector C207 |
| 4. Brake Fluid Level Switch | 18. Lamp Driver Module |
| 5. Instrument Cluster | 19. Connector C206 |
| 6. Rear Wheel Speed Sensor Harness | 20. Right-Side Hydraulic Modulator Bleeder Valve |
| 7. Right Rear Wheel Speed Sensor Connector | 21. Right-Side Isolation Solenoid |
| 8. Right Rear Wheel Speed Sensor | 22. Proportioning Valves |
| 9. Left Rear Wheel Speed Sensor | 23. Hydraulic Modulator/Motor Pack Assembly |
| 10. Connector C902 | 24. Motor Pack Electrical Connector |
| 11. Body Wiring Harness | 25. Left-Side Isolation Solenoid |
| 12. I/P Fuse Block | 26. Left-Side Hydraulic Modulator Bleeder Valve |
| 13. ABS Relay | 27. Left Front Wheel Speed Sensor Harness |
| 14. EBCM | 28. Left Front Wheel Speed Sensor |

SCHEMATIC AND ROUTING DIAGRAMS

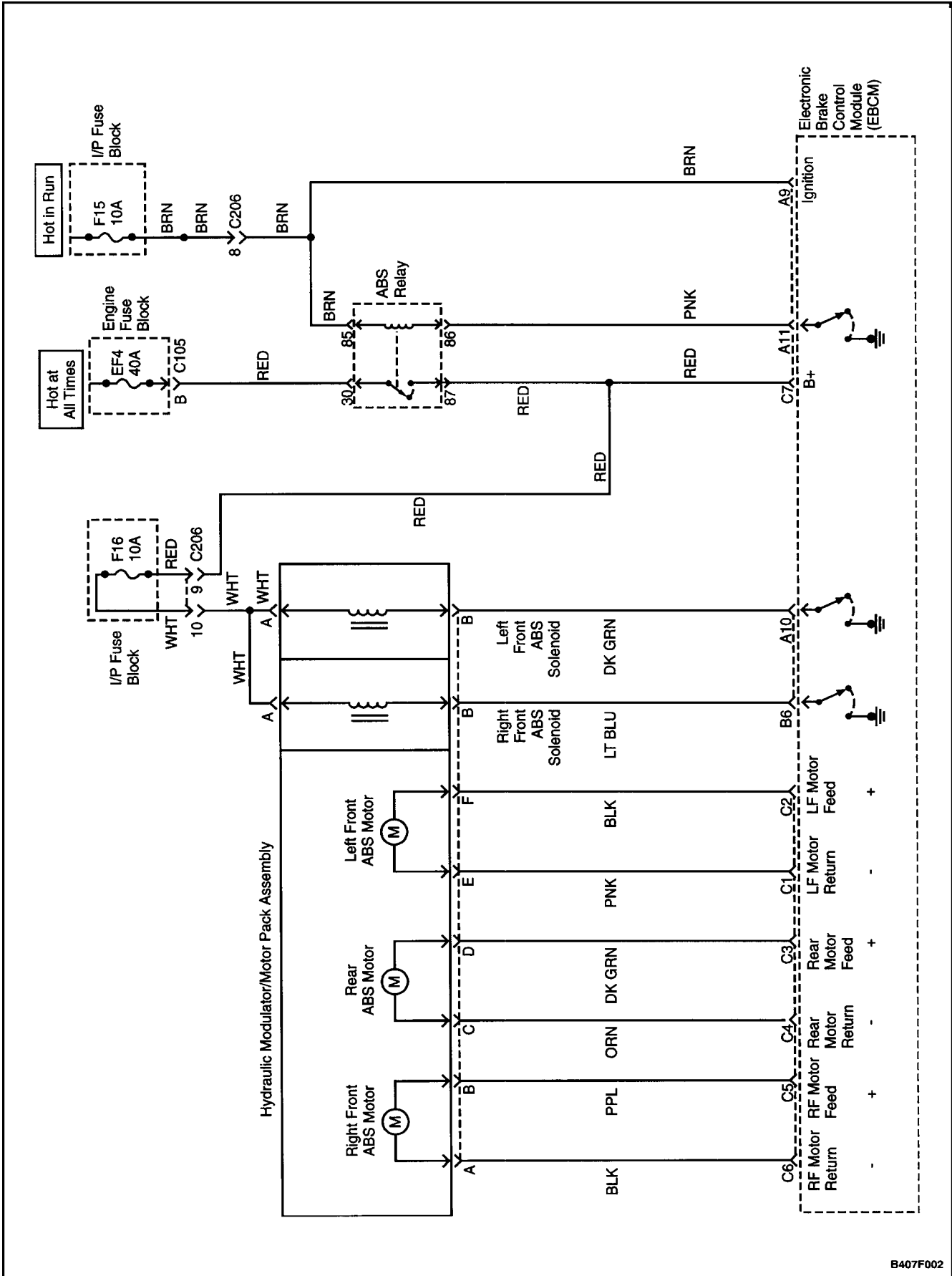
ABS CIRCUIT (1 OF 4)



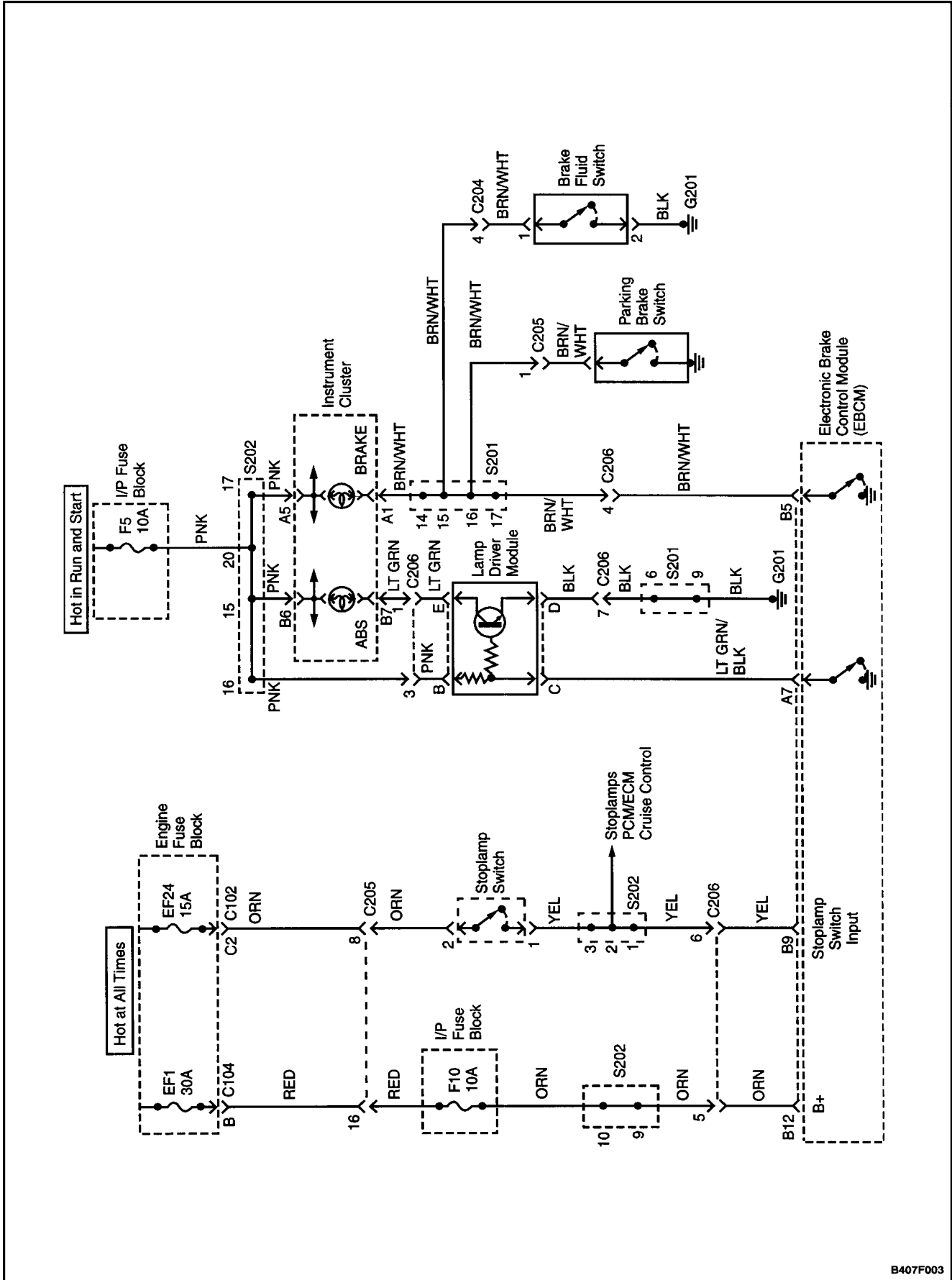
ABS CIRCUIT (2 OF 4)



ABS CIRCUIT (3 OF 4)



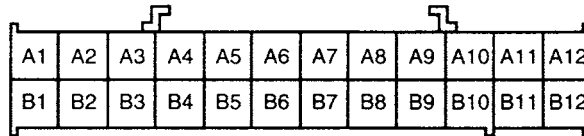
ABS CIRCUIT (4 OF 4)



VISUAL IDENTIFICATION

EBCM CONNECTOR FACE VIEW (1 OF 2)

EBCM Connector J1



B407F004

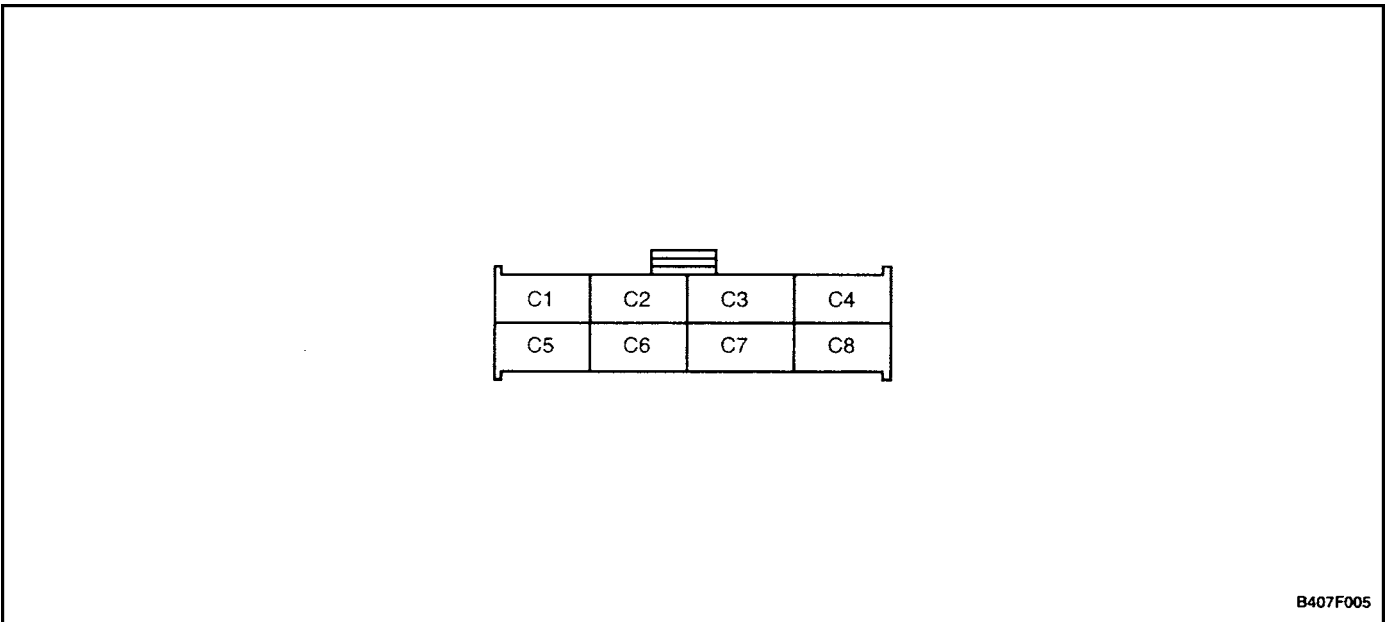
Pin	Signal Name	Color	Circuit
A1	SDLCLASS2	PPL	Serial Data Link, Class 2
A2	RRWSHI	BRN	Right Rear Wheel Speed High
A3	LRWSHI	BLK	Left Rear Wheel Speed High
A4	RFWSHI	GRY	Right Front Wheel Speed High
A5	LFWSHI	GRY	Left Front Wheel Speed High
A6	-	-	Not Used
A7	ABSWARN	LT GRN/BLK	ABS Warning Indicator
A8	-	-	Not Used
A9	IGN	BRN	Ignition
A10	LFABSOL	DK GRN	Left Front ABS Isolation Solenoid
A11	ENRELAY	PNK	ABS Enable Relay
A12	-	-	Not Used
B1	RRWSLO	WHT	Right Rear Wheel Speed Low
B2	LRWSLO	RED	Left Rear Wheel Speed Low
B3	RFWSLO	WHT	Right Front Wheel Speed Low
B4	LFWSLO	WHT	Left Front Wheel Speed Low
B5	BRAKETT	BRN/BLK	BRAKE Lamp
B6	REABSOL	LT BLU	Right Front ABS Isolation Solenoid
B7	SDLUART	BLK/WHT	Serial Data
B8	-	-	Not Used
B9	BRAKESW	BRN/BLK	Stoplamp Switch
B10	-	-	Not Used

4F – 10 ANTILOCK BRAKE SYSTEM

Pin	Signal Name	Color	Circuit
B11	-	-	Not Used
B12	BATT	ORN	Battery (+)

EBCM CONNECTOR FACE VIEW (2 OF 2)

EBCM Connector J2



B407F005

Pin	Signal Name	Color	Circuit
C1	LFMOTLO	PNK	Left Front Motor Low
C2	LFMOTHI	BLK	Left Front Motor Hlgh
C3	RFMOTHI	DK GRN	Right Front Motor Hlgh
C4	RFMOTLO	ORN	Right Front Motor Low
C5	RAMOTLO	BLK	Rear Axle Motor Low
C6	RAMOTHI	PPL	Rear Axle Motor Hlgh
C7	SWBATT	RED	Battery (+) through ABS relay
C8	GND	BLK	Ground (-)