

SECTION : 4F

ANTILOCK BRAKE SYSTEM AND TRACTION CONTROL 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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4F – 2 ANTILOCK BRAKE SYSTEM AND TRACTION CONTROL SYSTEM

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SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Application	N•m	Lb-Ft	Lb-In
ABS 5.3 Mounting Nuts/EBCM Connector	9	–	80
Brake Pipe Nuts	12	–	106
Front Wheel Speed Sensor Bolt	8	–	71
Rear Wheel Speed Sensor Bolt	8	–	71

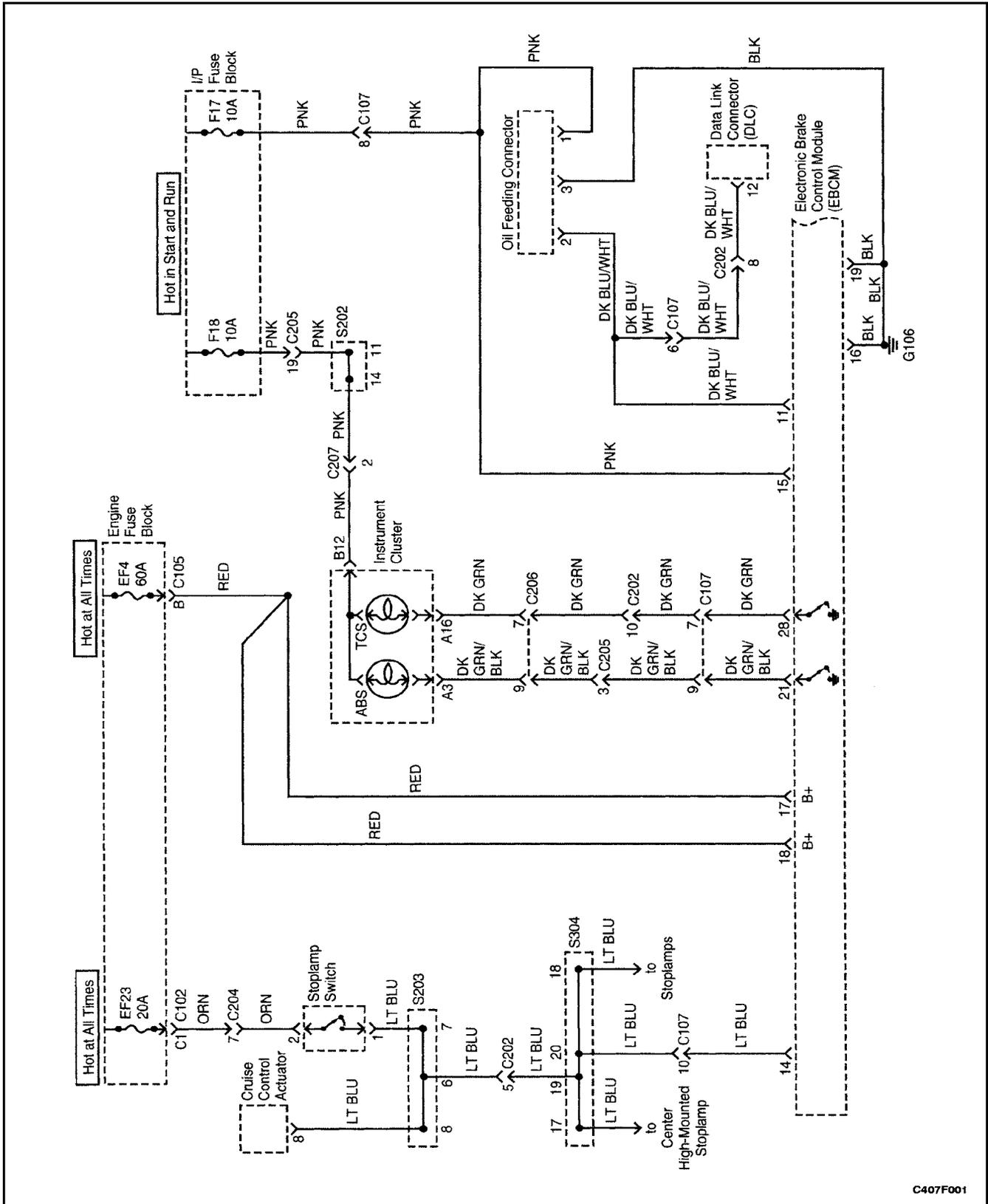
SPECIAL TOOLS

SPECIAL TOOLS TABLE

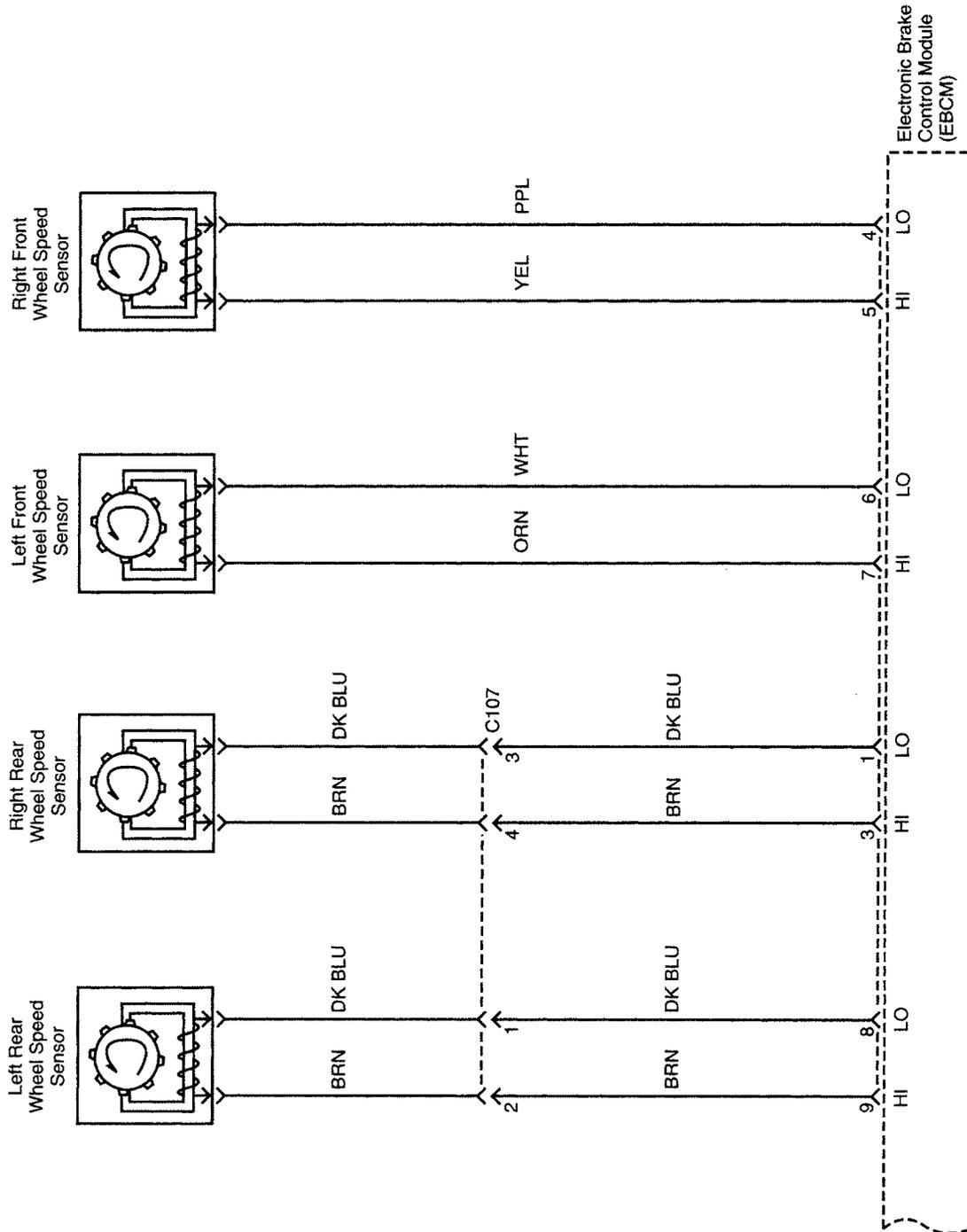
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SCHMATIC AND ROUTING DIAGRAMS

ABS CIRCUIT (1 of 2)

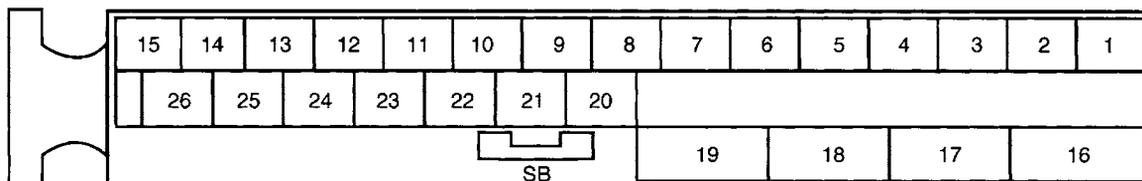


ABS CIRCUIT (2 of 2)



EBCM CONNECTOR FACE VIEW (WITHOUT TRACTION CONTROL SYSTEM)

EBCM Connector



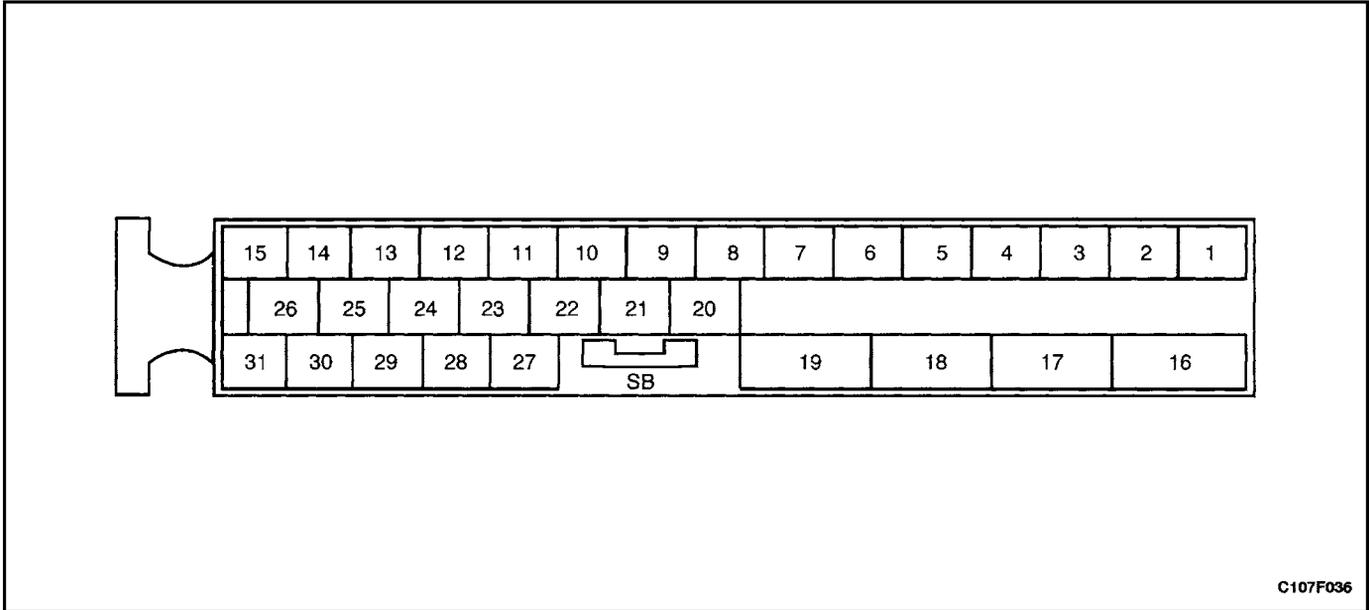
C107F035

Pin	Color	Circuit
1	DK BLU	Right Rear Ground
2	–	Not Used
3	BRN	Right Rear Sensor
4	PPL	Right Front Ground
5	YEL	Right Front Sensor
6	WHT	Left Front Ground
7	ORN	Left Front Sensor
8	DK BLU	Left Rear Ground
9	BRN	Left Rear Ground
10	–	Not Used
11	DK BLU/ WHT	Serial Data Link
12	–	Not Used
13	–	Not Used

14	LT BLU	Brake Light Switch
15	Ignition	Ignition
16	BLK	Motor Ground
17	RED	Battery
18	RED	Battery
19	BLK	Instrument Ground
20	–	Not Used
21	DK GRN/ BLK	ABS Warning Lamp
22	–	Not Used
23	–	Not Used
24	–	Not Used
25	–	Not Used
26	–	Not Used
SB	–	Shorting Bar

EBCM CONNECTOR FACE VIEW (WITH TRACTION CONTROL SYSTEM)

EBCM Connector



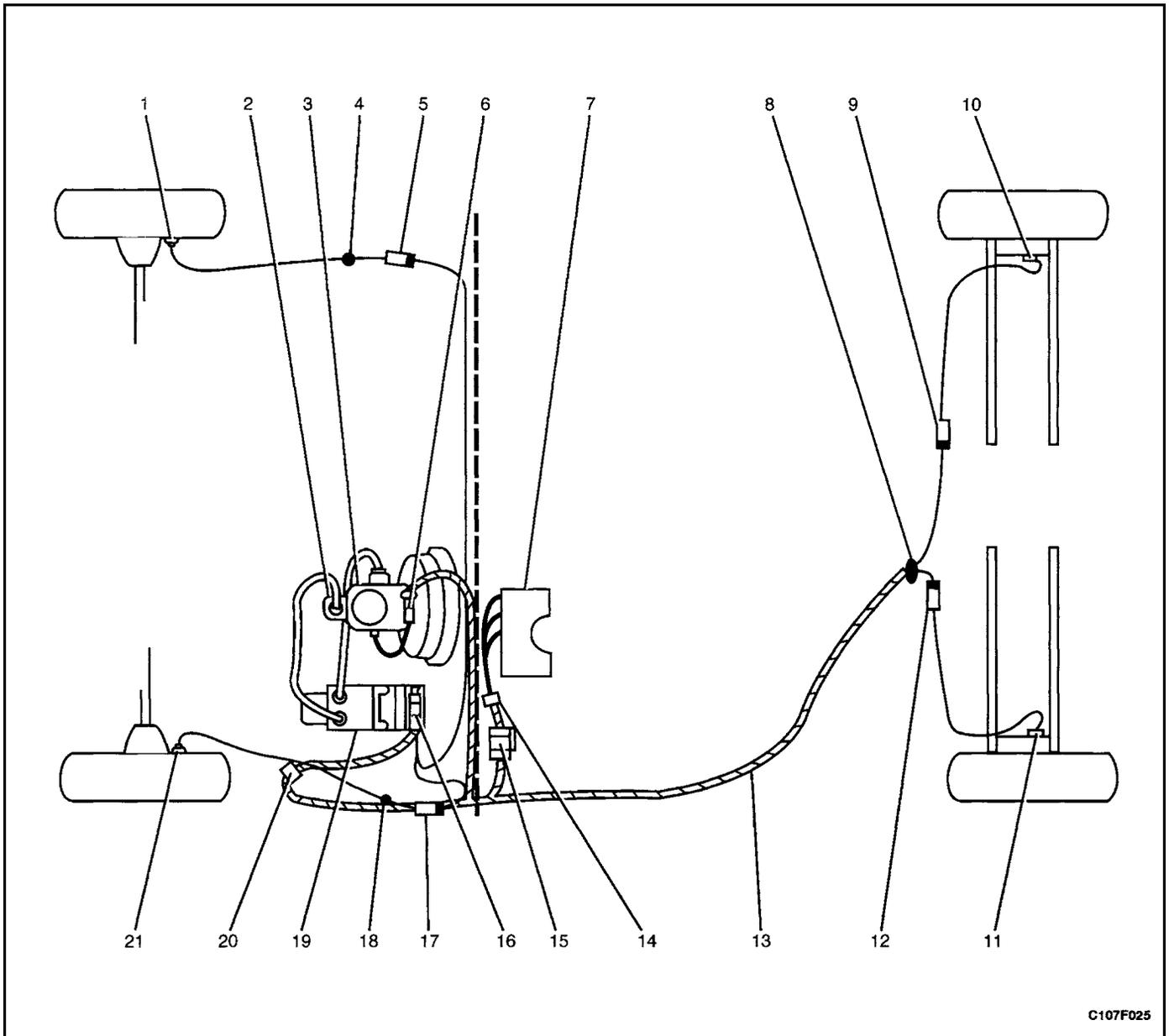
C107F036

Pin	Color	Circuit
1	DK BLU	Right Rear Ground
2	–	Not Used
3	BRN	Right Rear Sensor
4	PPL	Right Front Ground
5	YEL	Right Front Sensor
6	WHT	Left Front Ground
7	ORN	Left Front Sensor
8	DK BLU	Left Rear Ground
9	BRN	Left Rear Ground
10	–	Not Used
11	DK BLU/ WHT	Serial Data Link
12	–	Not Used
13	–	Not Used
14	LT BLU	Brake Light Switch
15	PNK	Ignition

16	BLK	Ignition
17	RED	Battery
18	RED	Battery
19	BLK	Instrument Ground
20	–	Not Used
21	DK GRN/ BLK	ABS Warning Lamp
22	–	Not Used
23	–	Not Used
24	–	Not Used
25	–	Not Used
26	–	Not Used
27	–	Not Used
28	DK GRN	TCS Warning Lamp
29	–	Not Used
30	–	Not Used
31	–	Not Used
SB	–	Shorting Bar

COMPONENT LOCATOR

ABS AND TCS SYSTEM



C107F025

- | | |
|---|--|
| 1. Right Front Wheel Speed Sensor | 12. Left Rear Wheel Speed Sensor Connector |
| 2. Brake Master Cylinder | 13. Body Wiring Harness |
| 3. Master Cylinder Reservoir | 14. Connector C206 |
| 4. Grommet | 15. Connectors C202, C205 |
| 5. Right Front Wheel Speed Sensor Connector | 16. EBCM Connector J1 |
| 6. Brake Fluid Level Switch Connector | 17. Left Front Speed Sensor Connector |
| 7. Instrument Cluster | 18. Grommet |
| 8. Grommet | 19. Hydraulic Modulator with Attached EBCM |
| 9. Right Rear Wheel Speed Sensor Connector | 20. Connector C107 |
| 10. Right Rear Wheel Speed Sensor | 21. Left Front Wheel Speed Sensor |
| 11. Left Rear Wheel Speed Sensor | |