

SWITCHES

IGNITION SWITCH

Inspection

Remove or disconnect following parts.

- 1) Battery (—) cable.
- 2) Ignition switch lead wire connectors from junction/fuse block.

Checking continuity between terminals

Use a circuit tester to check the continuity at each switch position. If any continuity is not obtained, replace ignition switch.

Wire color		W/G	BI	B/BI	Y/B	B/Y	B	B
Key Position	LOCK							
	ACC							
IN	ON							
	START							

ACC : Accessory
B/BI : Black/Blue
W/G : White/Green
Y/B : Yellow/Black

B : Black
BI : Blue
B/Y : Black/Yellow

Fig. 8-4 Continuity Check

Removal

Remove steering column referring to Section 3C-3 of this manual. And then remove steering lock/ignition switch from steering column, referring to Section 3C.

Installation

Install steering lock/ignition switch and steering column referring to Section 3C of this manual.

NOTE:

When installing steering column, special care must be used for tightening sequence and each torque.

COMBINATION SWITCH

Combination switch incorporates lighting turn signal, hazard warning light dimmer, passing light, and wiper/washer switches.

Inspection

Remove or disconnect following parts.

- 1) Battery (—) cable.
- 2) Combination switch lead wire connectors from junction/fuse block (or main wiring harness No. 1).

Combination switch couplers

Y/BI	—		R	W
R/Y	—	BI/G	Y/B	Y
				R/W
B		G/Y		
Br/Y	W/G	G	G/R	
				BI/W
				BI
				BI/B

B : Black
BI : Blue
BI/B : Blue/Black
BI/R : Blue/Red
BI/W : Blue/White
BI/G : Blue/Green
Br/Y : Brown/Yellow
G : Green
G/Y : Green/Yellow

G/R : Green/Red
R : Red
R/W : Red/White
R/Y : Red/Yellow
Y : Yellow
Y/BI : Yellow/Black
Y/B : Yellow/Blue
W : White
W/G : White/Green

Fig. 8-5

Continuity between terminals

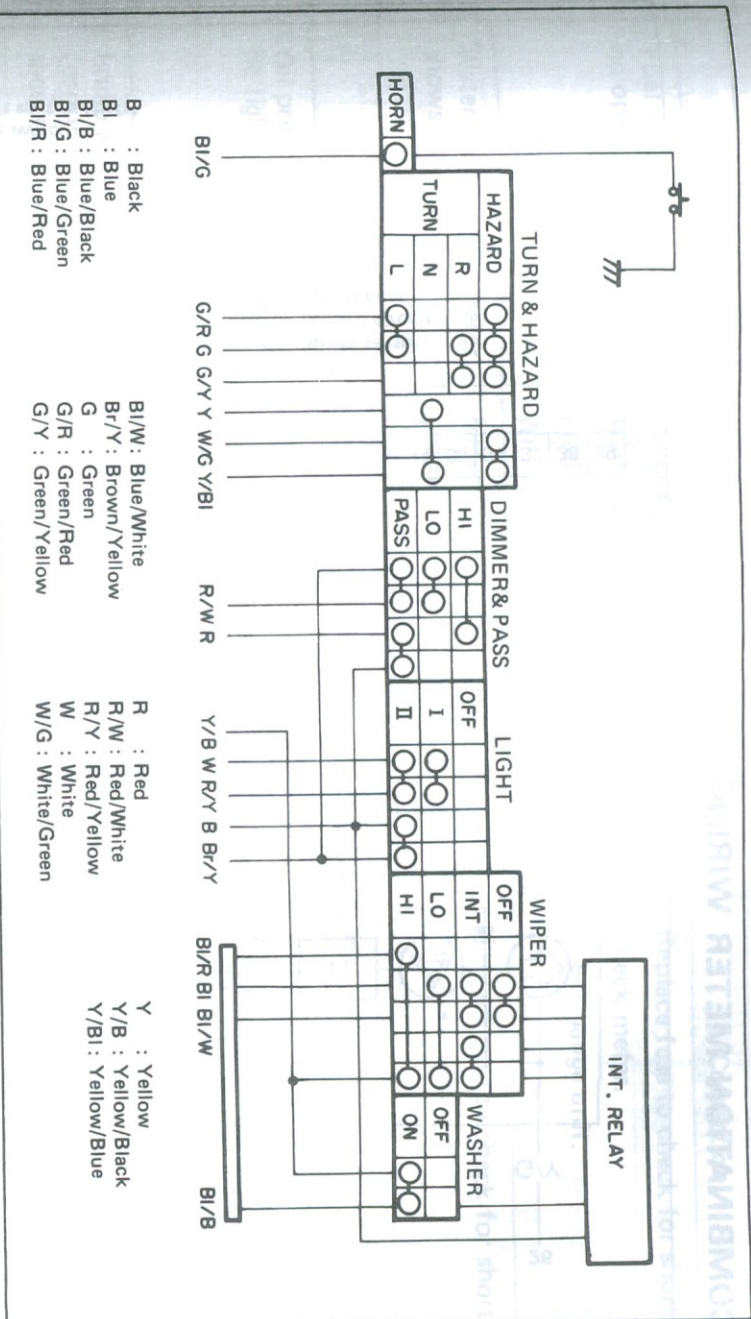


Fig. 8-6

BI/G, horn lead wire, produces no continuity inside turn signal switch.

Removal/Installation

For removal/installation of combination switch, refer to Section 3C of this manual.

NOTE:

Some cars are not provided with INTERMITTENT position depending on specifications.

ILLUMINATION CONTROLLER

Some cars are not provided with this device depending on specifications.

Inspection

Use a bulb to wire as illustrated below.

Make sure that illumination controller knob is turned clockwise to brighten test light and counterclockwise to darken it.

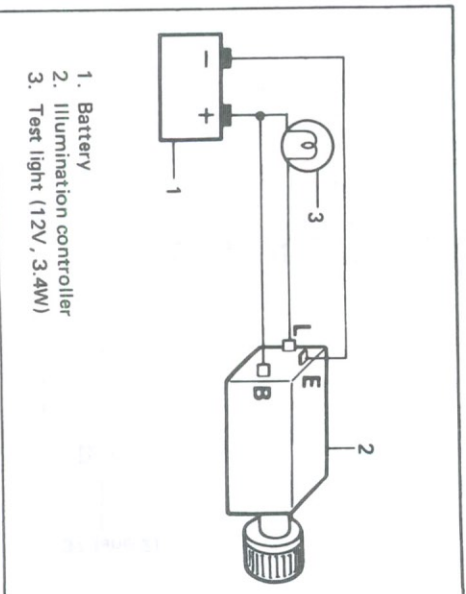
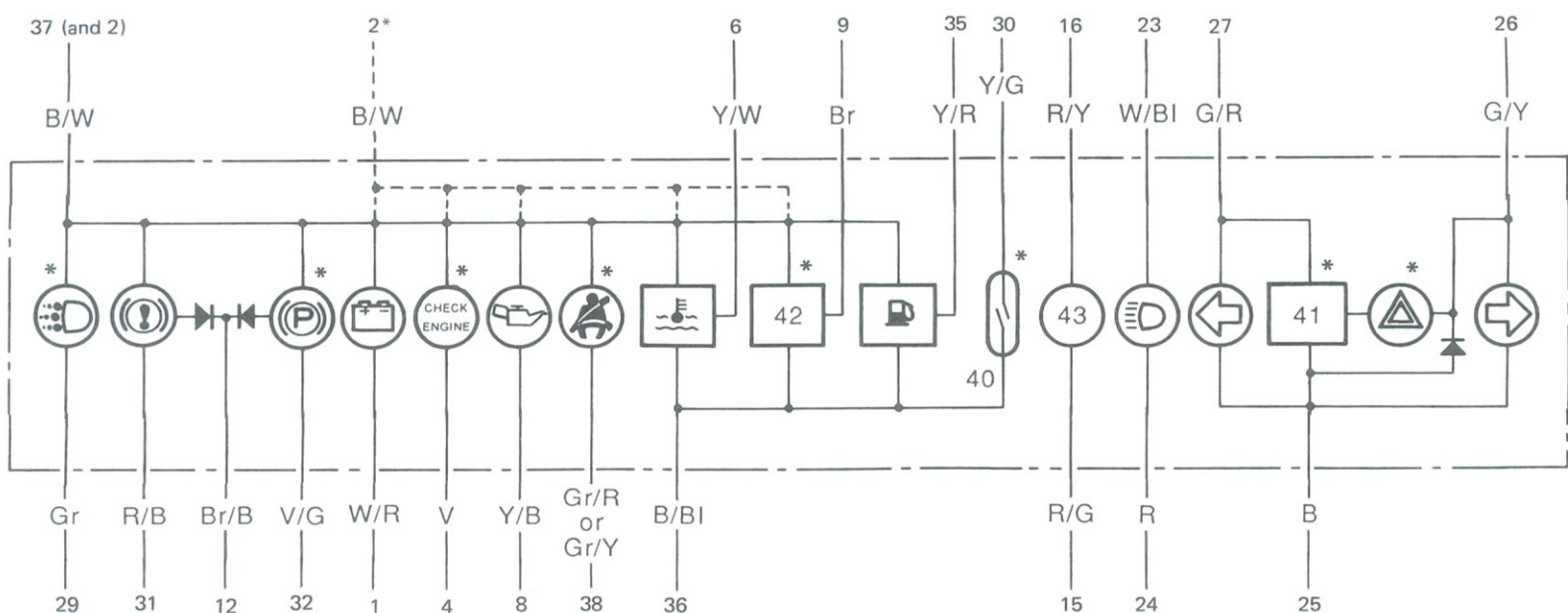


Fig. 8-7

INSTRUMENTS AND GAUGES

COMBINATION METER WIRING



NOTE:

- Whether equipped with * (asterisk) marked parts or not depend on car specification.
- Terminal position (Combination meter side)



- | | | | |
|---|-----------------------------------|--|--------------------|
| 1. To generator | 12. To ignition | 29. To DRL controller | 40. Speed sensor |
| 2. To ignition switch | 13. Blank | 30. To ECM | 41. Hazard circuit |
| 3. Blank | 14. Blank | 31. To brake fluid level switch and parking brake switch | 42. Tachometer |
| 4. To ECM | 15. To illumination controller | 32. To parking brake switch | 43. Illumination |
| 5. Blank | 16. To lighting switch | 33. Blank | |
| 6. To water temperature gauge unit | 17. 18. 19. 20. 21. 22. Blank | 34. Blank | |
| 7. Blank | 23. To fuse block | 35. To fuel gauge unit | |
| 8. To oil pressure switch | 24. To dimmer switch | 36. To ground | |
| 9. To ignition coil (for car with tachometer) | 25. To ground (or earth) | 37. To ignition switch | |
| 10. Blank | 26. To turn signal switch (Right) | 38. To seat belt switch (Left) | |
| 11. Blank | 27. To turn signal switch (Left) | 39. Blank | |
| | 28. Blank | | |

TROUBLE DIAGNOSIS

Trouble	Possible cause	Correction
Fuel level meter shows no operation.	Meter fuse blown Fuel meter faulty Fuel level gauge unit faulty Wiring or grounding faulty	Replace fuse to check for short. Check meter. Check gauge unit. Repair.
Water temperature meter shows no operation.	Meter fuse blown Water temperature meter faulty Water temperature gauge unit faulty Wiring or grounding faulty	Replace fuse to check for short. Check meter. Check gauge unit. Repair.
Oil pressure light shows no lighting.	Light fuse blown Bulb burnt out Oil pressure switch faulty Wiring or grounding faulty	Replace fuse to check for short. Replace bulb. Check switch. Repair.
Brake warning light (parking brake light) shows no lighting.	Light fuse blown Bulb burnt out Brake fluid level switch faulty Wiring or grounding faulty	Replace fuse to check for short. Replace bulb. Check warning switch. Repair.
Seat belt warning light/buzzer show no lighting/sounding. (Applicable to car equipped with light/buzzer)	Light fuse blown Bulb burnt out Buzzer faulty (no sounding) Wiring or grounding faulty	Replace fuse to check for short. Replace bulb. Replace buzzer. Repair.

Fig. 8-8 Combination Meter Wiring