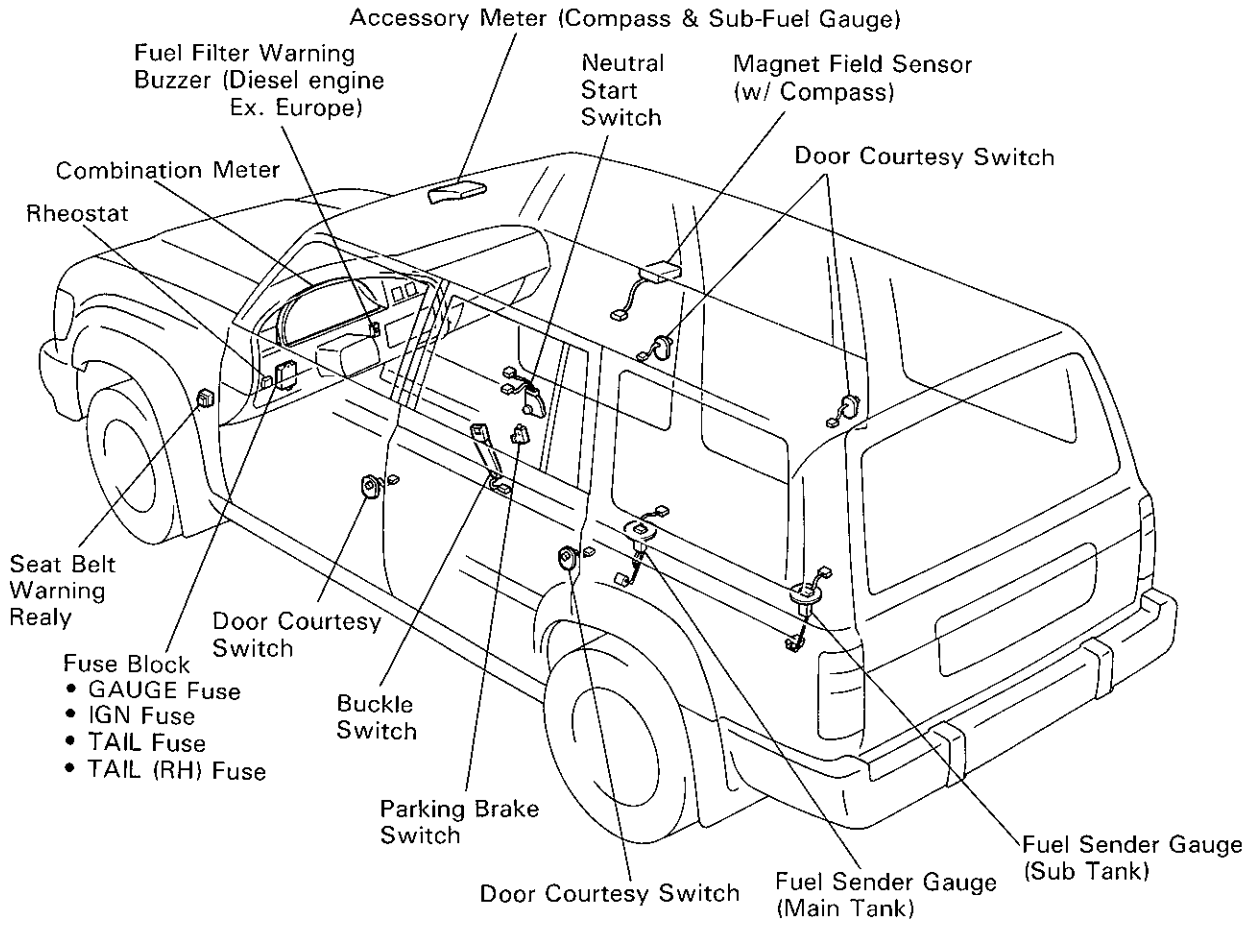
COMBINATION METER

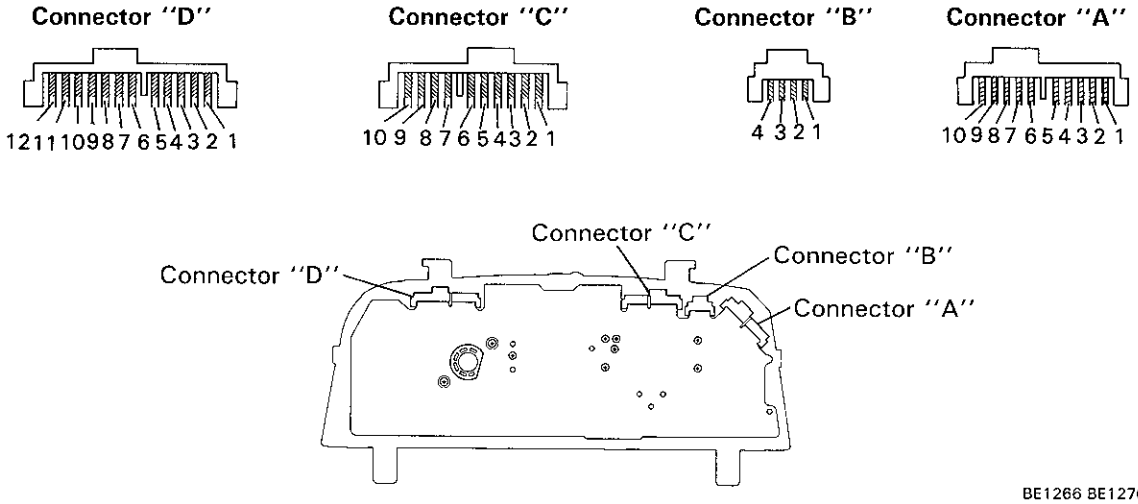
Parts Location



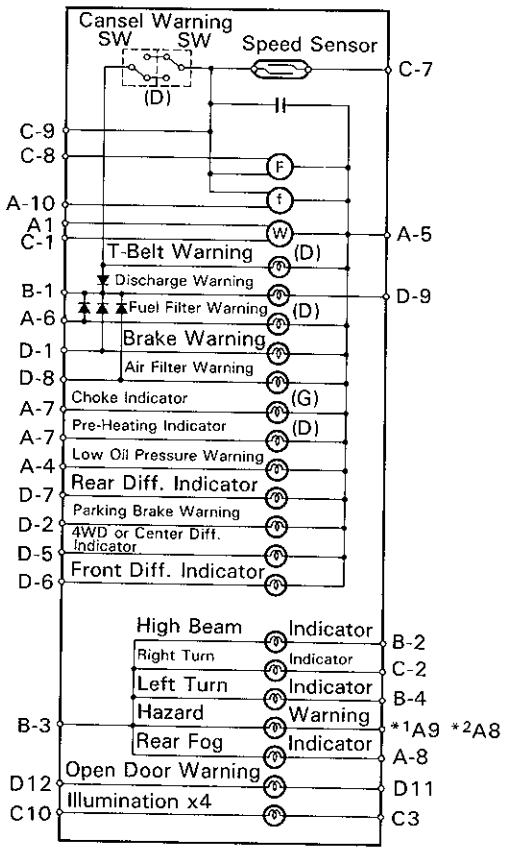
BE5264

Meter Circuit

(w/o Tachometer: Except G.C.C.)



BE1266 BE1270 BE5017 8E2576 BE5117



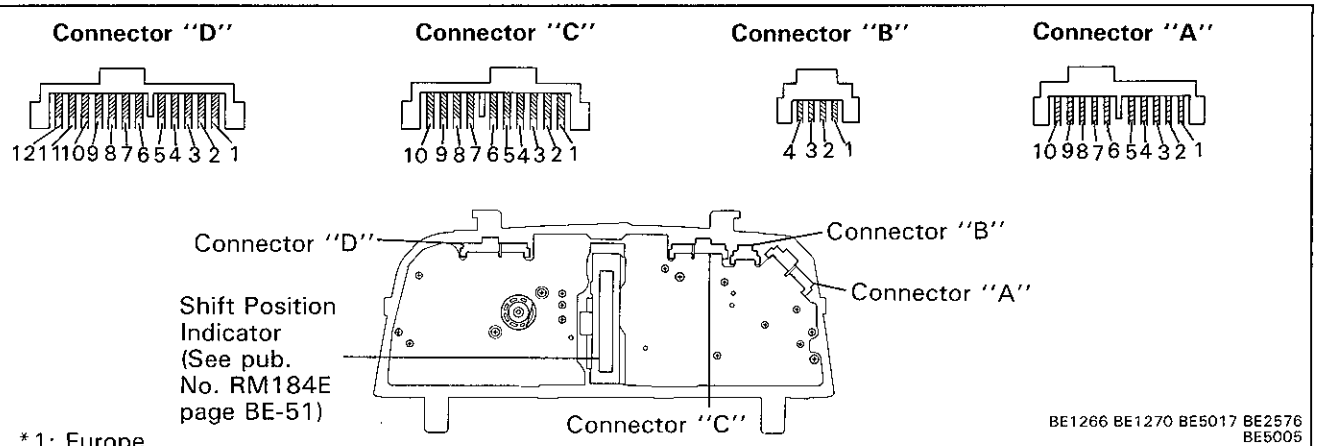
Ⓕ : Fuel Gauge
ⓕ : Fuel Gauge (for Sub-Tank)
Ⓦ : Water Temperature Gauge
(D) : Diesel engine
(G) : Gasoline engine

*1 : Europe
*2 : ADR

N04533

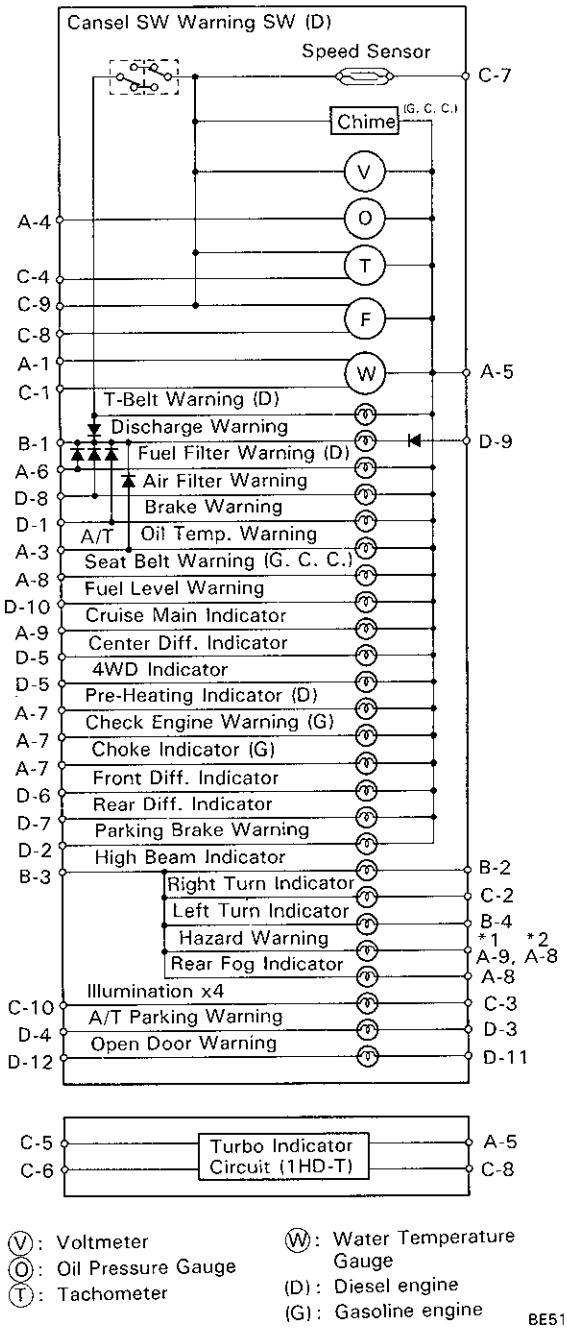
No.		Wiring connector side
A	1	Ground
	4	Low oil pressure warning switch
	5	GAUGE fuse
	6	Fuel filter warning switch and buzzer (Diesel engine)
	7	Choke switch (Gasoline engine) or glow timer relay (Diesel engine)
	8	Rear fog light switch (Europe) Hazard warning light switch (ADR)
	9	Hazard warning light switch (Europe)
	10	Fuel sender gauge (Sub-Tank)
B	1	CHARGE fuse (w/o IC ALT) or charge light relay (w/IC ALT)
	2	Headlight Lo-beam
	3	Ground
	4	Turn signal light switch (Left)
C	1	Water temperature sender gauge
	2	Turn signal light switch (Right)
	3	TAIL fuse or TAIL (RH) fuse
	7	Speed control unit
	8	Fuel sender gauge (Main-Tank)
	9	Ground
	10	Ground of rheostat
D	1	Brake fluid level warning switch (Europe) and vacuum warning switch (Diesel) Brake fluid level warning switch (Except Europe) and parking brake switch (Except Europe) and vacuum warning switch (Diesel)
	2	Parking brake switch (Europe)
	5	4WD indicator switch
	6	Front diff. lock indicator switch
	7	Rear diff. lock indicator switch
	8	Air filter warning switch
	9	IGN fuse
	11	DOME fuse
	12	Door courtesy switch

(w/ Tachometer)



BE1266 BE1270 BE5017 BE2576 BE5005

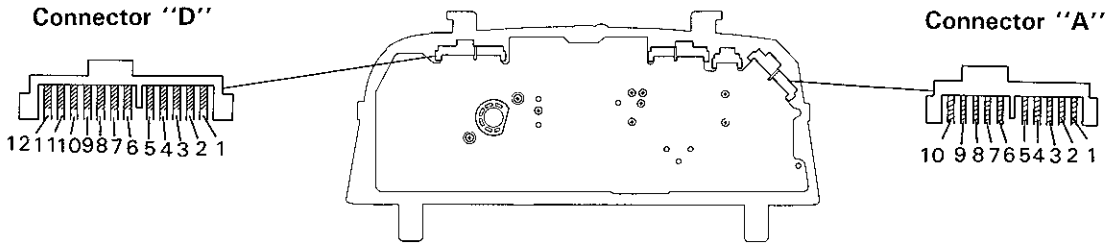
*1: Europe
*2: ADR



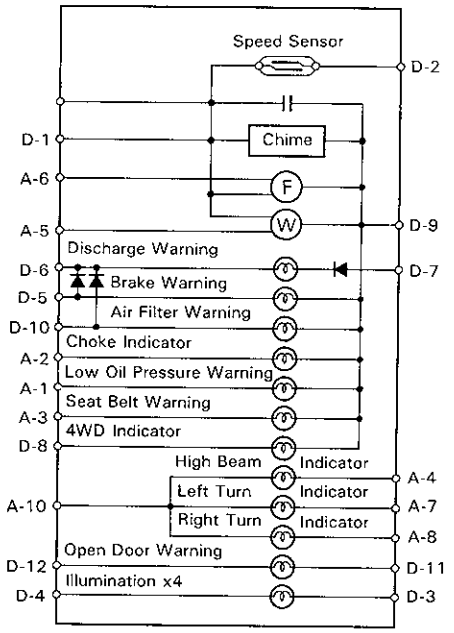
BE5120

No.		Wiring connector side
A	1	Ground
	3	A/T fluid temperature sensor (A/T)
	4	Oil pressure sender gauge
	5	GAUGE fuse
	6	Fuel filter warning switch and buzzer (Diesel engine Ex. Europe)
	7	Glow timer relay (Diesel engine) EFI ECU (3F-E engine) Choke switch (3F engine)
	8	Rear fog light switch (Europe) or seat belt warning relay (G.C.C.) or hazard warning light switch (ADR)
	9	Hazard warning light switch (Europe) or cruise control ECU (w/ Cruise Control System)
B	1	CHARGE fuse (w/o IC ALT) or charge light relay (w/IC ALT)
	2	Headlight Hi-beam
	3	Ground
	4	Turn signal light switch (Left)
C	1	Water temperature sender gauge
	2	Turn signal light switch (Right)
	3	TAIL or TAIL (RH) fuse
	4	Tacho pick sensor (Diesel engine) or igniter (Gasoline engine)
	5	High pressure switch (1HD-T engine)
	6	Low pressure switch (1HD-T engine)
	7	Speed control unit
	8	Fuel sender gauge
	9	Groung
	10	Rheostat or ground
D	1	Brake fluid level warning SW (Europe) and vacuum warning switch (Diesel) or brake fluid level warning SW and parking brake SW (Except. Europe) and vacuum warning switch (Diesel)
	2	Parking brake SW (Europe)
	3	Neutral start switch (A/T)
	4	Neutral position switch (A/T)
	5	4WD indicator switch
	6	Front diff. lock indicator switch
	7	Rear diff. lock indicator switch
	8	Air filter warning switch
	9	IGN fuse
	10	Fuel level warning switch
	11	DOME fuse
	12	Door courtesy switch

(w/ Tachometer: G.C.C.)



BE1266 BE5117 BE2576

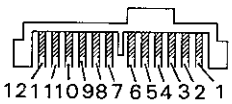


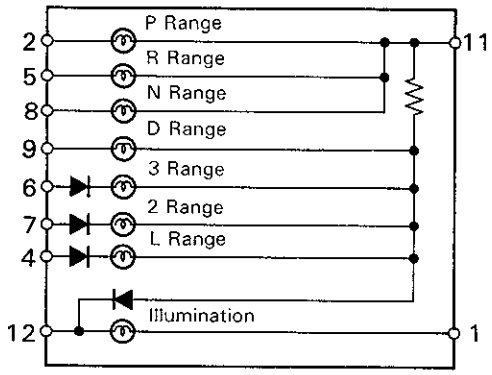
Ⓕ : Fuel Gauge
Ⓦ : Water Temperature Gauge

BE5313

No.		Wiring connector side
A	1	Low oil pressure warning switch
	2	Choke switch (3F Engine)
	3	Seat belt warning relay
	4	Headlight Hi-beam
	5	Water temperature sender gauge
	6	Fuel sender gauge
	7	Turn signal switch (Left)
	8	Turn signal switch (Right)
	10	Ground
D	1	Ground
	2	Speed control unit
	3	TAIL fuse
	4	Ground
	5	Brake fluid level warning switch and parking brake switch
	6	IGN fuse
	7	CHARGE fuse (w/o IC ALT) or charge light relay (w/IC ALT)
	4	4WD indicator switch
	9	GAUGE fuse
	10	Air filter warning switch
	11	DOME fuse
	12	Door courtesy switch

(Shift Position Indicator)

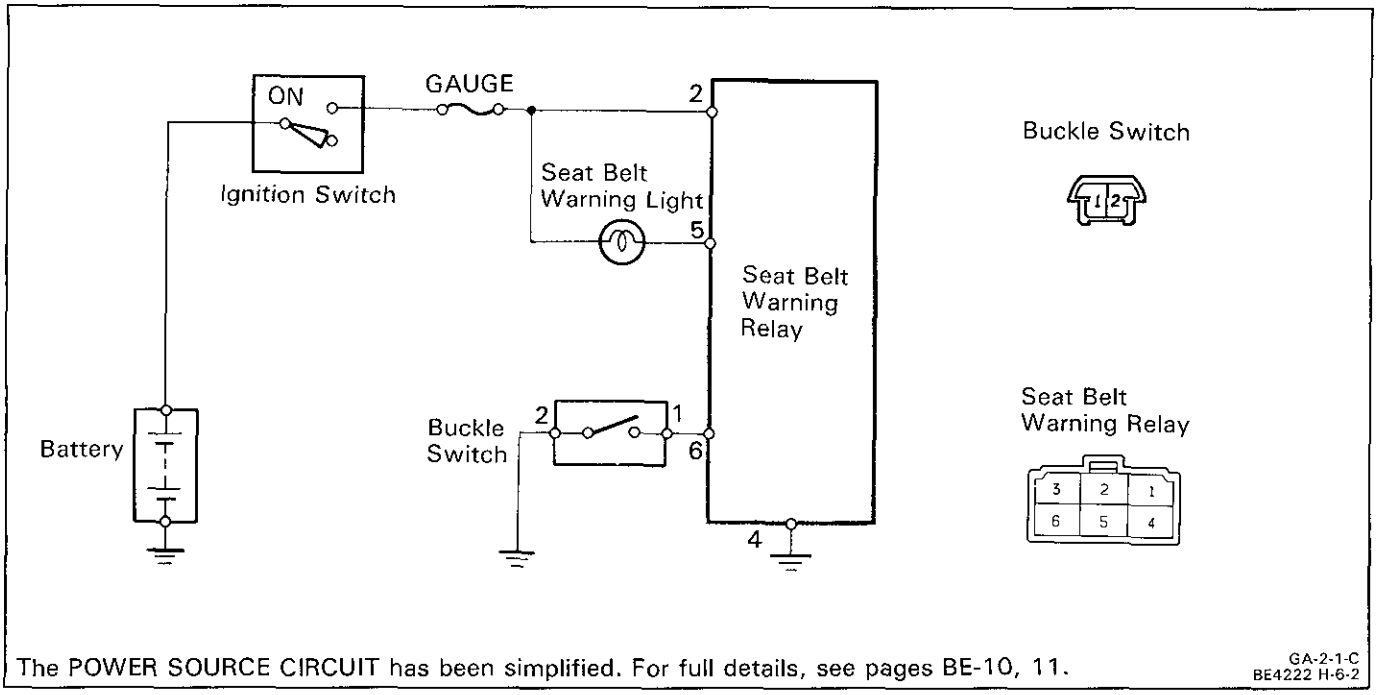




BE1267
BE4981

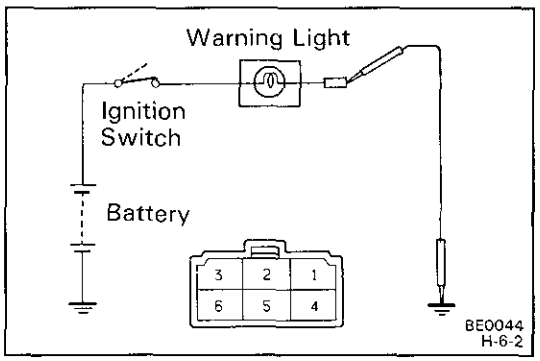
No.	Wiring connector side
1	Light control rheostat—terminal A2
2	Neutral start switch—terminal 6
4	Neutral start switch—terminal 8
5	Neutral start switch—terminal 1
6	Neutral start switch—terminal 4
7	Neutral start switch—terminal 3
8	Neutral start switch—terminal 5
9	Neutral start switch—terminal 7
11	Ground
12	TAIL Fuse

Seat Belt Warning System



The POWER SOURCE CIRCUIT has been simplified. For full details, see pages BE-10, 11.

GA-2-1-C
BE4222 H-6-2



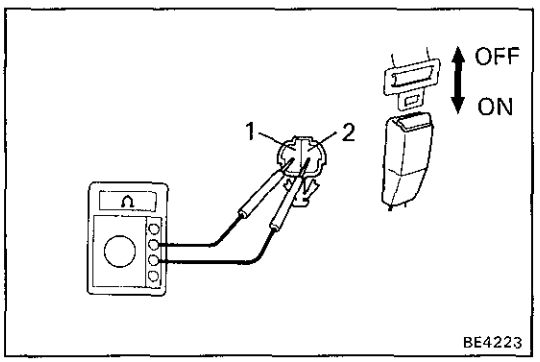
1. INSPECT WARNING LIGHT

(a) Disconnect the connector from the seat belt warning relay.

(b) Ground terminal 5 on the wire harness side connector.

(c) Turn the ignition switch ON, check that the warning light lights up.

If the warning light does not light, test the bulb.



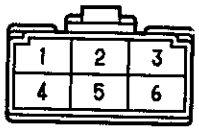
2. INSPECT SWITCHES
(Buckle Switch)

(a) Check that there is no continuity between terminals with the switch OFF (belt unfastened).

(b) Check that there is continuity between terminals with the switch ON (belt fastened).

If operation is not as specified, replace the seat belt inner.

Wire Harness Side



H-6-1

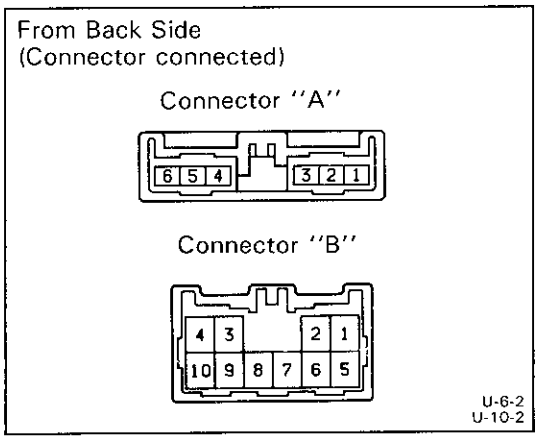
3. **INSPECT SEAT BELT RELAY (Relay Circuit)**

Disconnect the connector from the relay and inspect the connector on the wire harness side as shown in the chart.

Check for	Tester connection	Condition		Specified value
Continuity	4 — Ground	Constant		Continuity
	6 — Ground	Buckle switch position	ON (Belt fastened)	Continuity
			OFF (Belt unfastened)	No continuity
Voltage	2 — Ground	Ignition switch position	LOCK or ACC	No voltage
			ON	Battery voltage
	5 — Ground	Ignition switch position	LOCK or ACC	No voltage
			ON	Battery voltage

If circuit is as specified, replace the relay.

If circuit is not as specified, refer to pub. No. RM184E page BE-65 wiring diagram and inspect the circuits connected to other parts.



Compass System

INSPECT ACCESSORY METER
(Circuit)

Connect connector "A" and "B" to accessory meter and inspect connectors from the back side as shown in the chart.

NOTICE: Perform the inspection in a place free from magnetic influence.

Terminal Name	Check for	Tester connection	Condition		Specified value
ACC	Voltage	A1 — A4	Ignition switch turned to ACC or ON		10 — 14 V
TAIL		A3 — A4	Light control switch turned to TAIL or HEAD		10 — 14 V
GROUND	Continuity	A4 — Ground	Constant		Continuity
GND		B4 — Ground	Constant		Continuity
ACC	Voltage	B6 — B4	Ignition switch turned to ACC or ON		10 — 14 V
HX1		B5 — B4	Knob "N" position	Turned fully counter clockwise	6.2 — 6.8 V
				Neutral	3.7 — 4.3 V
				Turned full clockwise	1.2 — 1.8 V
			Knob "E" turned to clockwise and knob "N" turned to neutral position		3.7 — 4.3 V
HY2		B8 — B4	Knob "E" position	Turned fully counter clockwise	0.54 — 0.56 V
				Neutral	0.53 — 0.55 V
				Turned fully clockwise	0.49 — 0.51 V
			Knob "N" turned to clockwise and knob "E" turned to neutral position		0.53 — 0.55 V
HX2		B9 — B4	Knob "N" position	Turned fully counter clockwise	0.54 — 0.56 V
				Neutral	0.53 — 0.55 V
				Turned fully clockwise	0.49 — 0.51 V
			Knob "E" turned to clockwise and knob "N" turned to neutral position		0.53 — 0.55 V
HY1		B10 — B4	Knob "E" position	Turned fully counter clockwise	6.2 — 6.8 V
				Neutral	3.7 — 4.3 V
				Turned fully clockwise	1.2 — 1.8 V
			Knob "N" turned to clockwise and knob "E" turned to neutral position		3.7 — 4.3 V

If the circuit is not as specified, refer to pub. No. RM184E page BE-51 wiring diagram and inspect the circuits connected to other parts or wire harness.