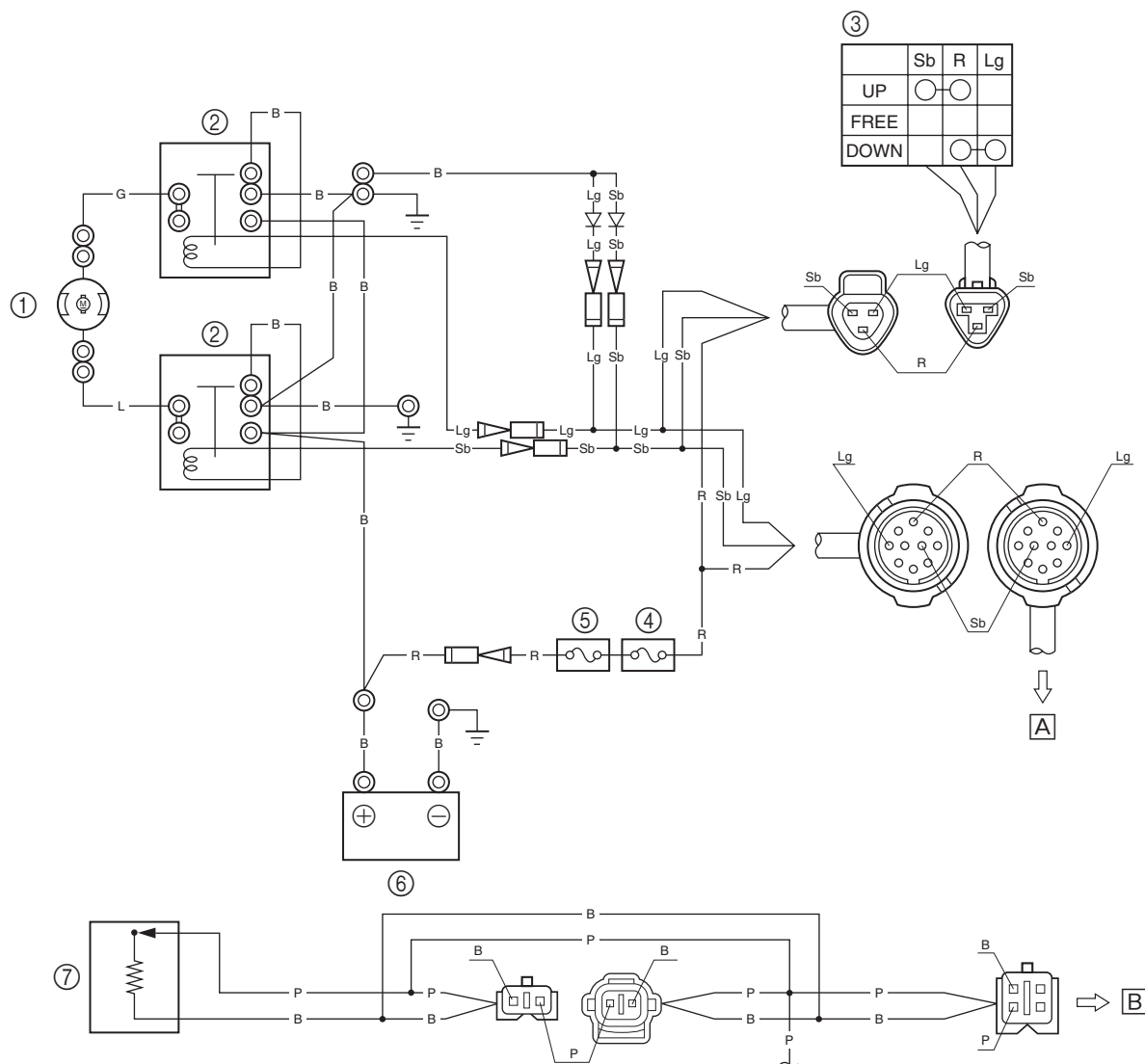


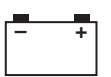
POWER TRIM AND TILT SYSTEM



- ① Power trim and tilt motor
- ② Power trim and tilt relay
- ③ Trailer switch
- ④ Fuse (20A)
- ⑤ Fuse (30A)
- ⑥ Battery
- ⑦ Trim sensor

- A To remote control
- B To trim meter

- B : Black
- G : Green
- L : Blue
- Lg : Light green
- O : Orange
- P : Pink
- R : Red
- Sb : Sky blue

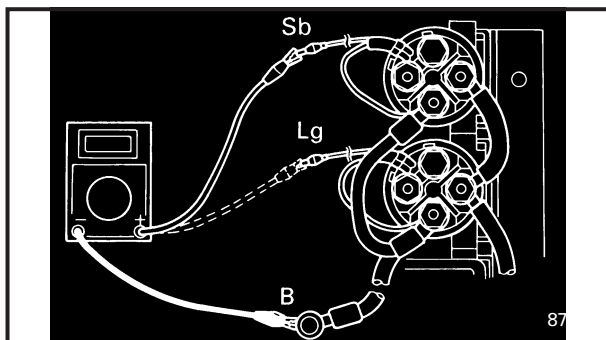


INSPECTING THE FUSES

Refer to "INSPECTING THE FUSES" on page 8-22.

INSPECTING THE BATTERY

Refer to "INSPECTING THE BATTERY" on page 3-21.



INSPECTING THE POWER TRIM AND TILT RELAY

1. Inspect:

- Power trim and tilt relay assembly continuity
- Out of specification → Inspect the power trim and tilt relay continuity.



Power trim and tilt relay assembly continuity

Sky blue (Sb) – Black (B)
Light green (Lg) – Black (B)

Continuity

2. Inspect:

- Power trim and tilt relay continuity
- Out of specification → Replace.



Power trim and tilt relay continuity

Sky blue (Sb) lead –
Black (B) lead
Light green (Lg) lead –
Black (B) lead

Continuity

Sky blue (Sb) lead –
Terminal ①
Light green (Lg) lead –
Terminal ①

Continuity

Sky blue (Sb) lead –
Terminal ②
Light green (Lg) lead –
Terminal ②

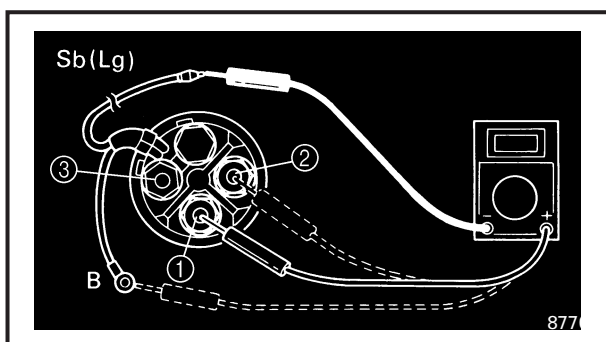
No continuity

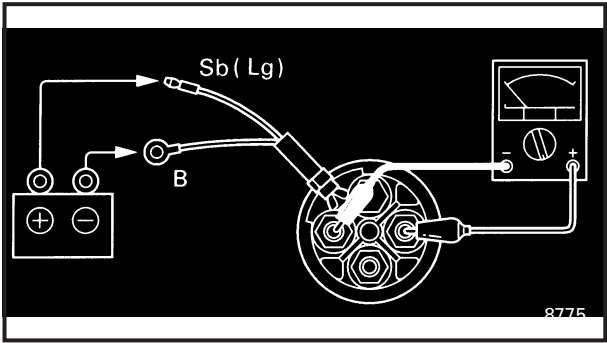
Terminal ① – Terminal ③

Continuity

Terminal ② – Terminal ③

No continuity





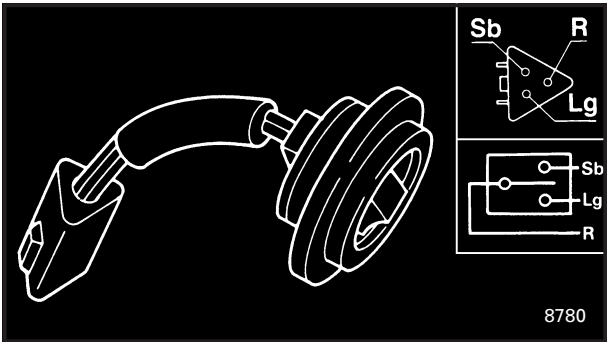
3. Inspect:
- Power trim and tilt relay operation
- No continuity → Replace.

Inspecting steps

- Connect the tester between the power trim and tilt relay terminals.
- Connect a 12-V battery as shown.

Sky blue (Sb) lead → Positive terminal
Black (B) lead → Negative terminal
Light green (Lg) lead → Positive terminal
Black (B) lead → Negative terminal

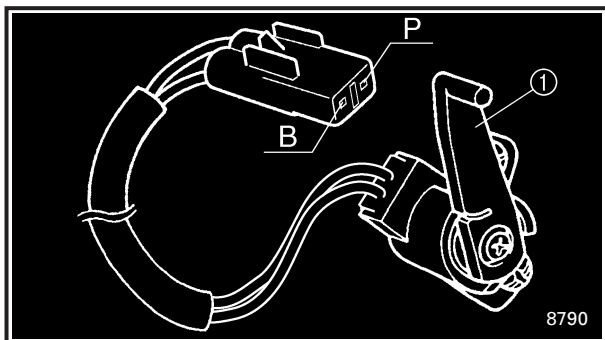
- Check that there is continuity between the power trim and tilt relay terminals.



INSPECTING THE TRAILER SWITCH CONTINUITY

- Inspect:
- Trailer switch continuity
- Out of specification → Replace.

Switch position	Lead color		
	Sky blue (Sb)	Red (R)	Light green (Lg)
Up	○ — ○		
Free			
Down		○ — ○	



MEASURING THE TRIM SENSOR RESISTANCE

Measure:

- Trim sensor resistance

Out of specification → Replace.



Trim sensor resistance
Pink (P) – Black (B)
239 - 379 Ω at 20 °C (68 °F)

NOTE:

Turn the lever ① and measure the resistance as it gradually changes.