

SYMPTOM CHART

NOTE: REFER TO TROUBLE SHOOTING HINT FOLLOWING THE SYMPTOM CHART

CONDITION	POSSIBLE CAUSE	ACTION
<ul style="list-style-type: none">• Rear view mirror Auto-Dim inoperative.	<ul style="list-style-type: none">• Circuitry open/shorted.• Damaged mirror.• Damaged backup lamp switch.	<ul style="list-style-type: none">• Go to Pinpoint Test A.

TROUBLESHOOTING HINTS

Pinpoint Test A

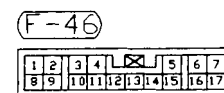
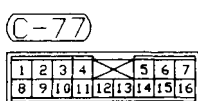
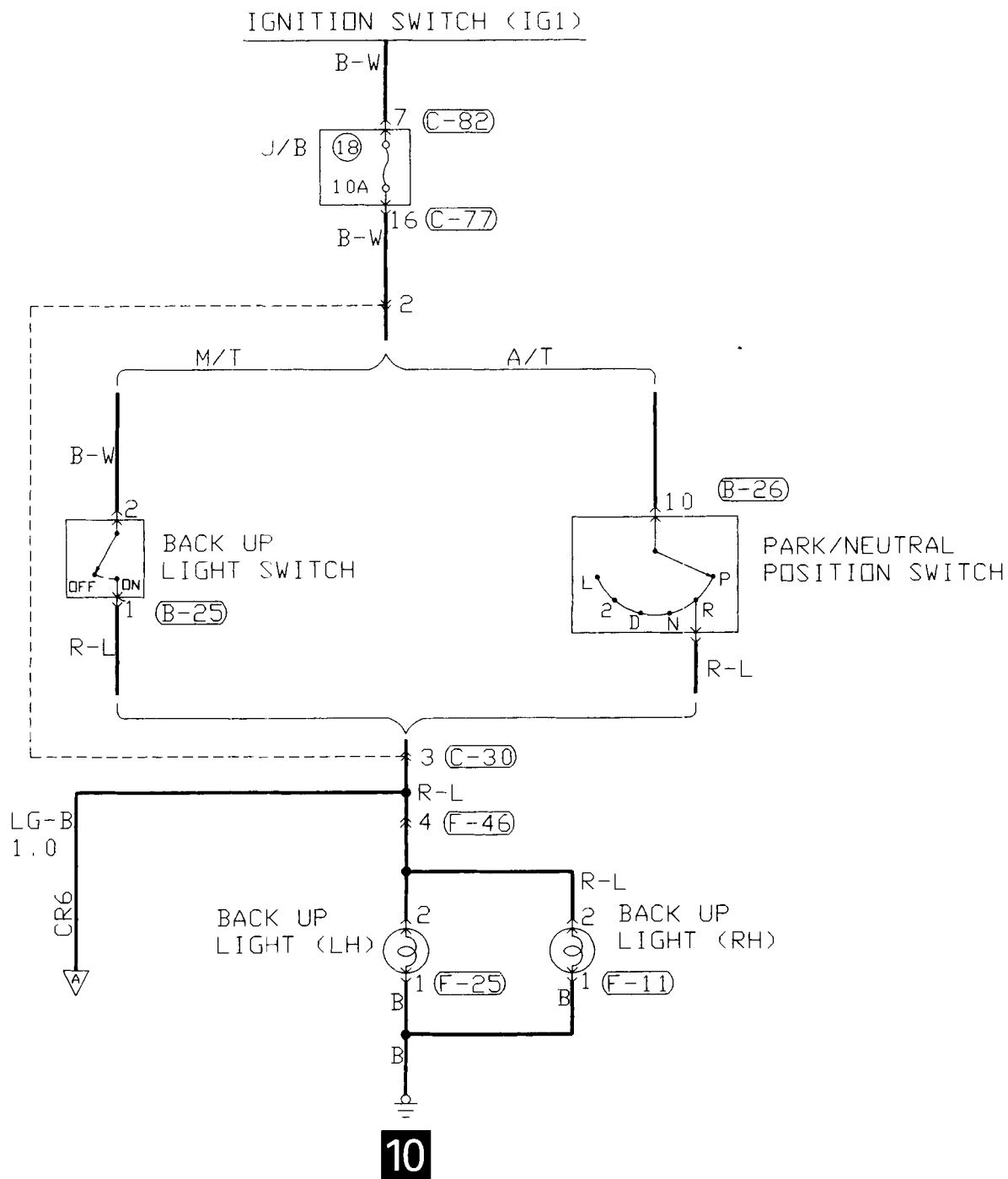
Indicates that the self-dimming mirror will not dim properly. This may occur if circuits CR 5, CR 4, and/or CR 6 are open/shorted, mirror damaged, voltage on circuit CR 6 indicates that the vehicle is in Reverse which prohibits the mirror from dimming.

PINPOINT TESTS

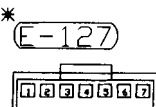
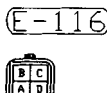
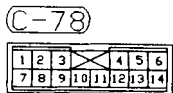
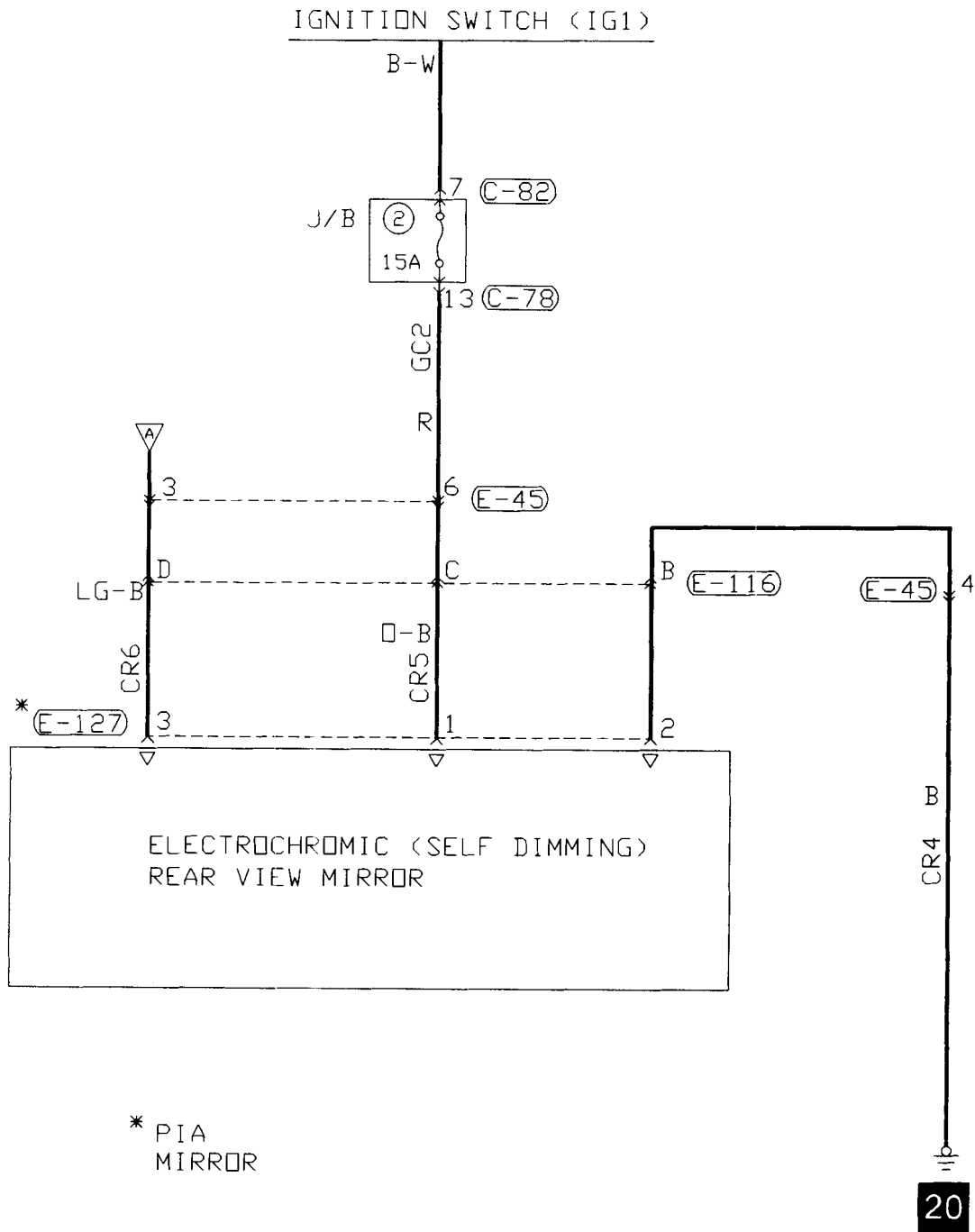
TEST A
REARVIEW MIRROR AUTO-DIM INOPERATIVE

TEST STEP		RESULT	ACTION TO TAKE
A-1	CHECK CIRCUIT CR 5 FOR SYSTEM VOLTAGE		
<ul style="list-style-type: none"> • Access and disconnect rearview mirror connector E-127. • Using Digital Volt/Ohm Meter (DVOM) set to DC volt, connect negative lead to a known good ground. • Connect the positive lead to pin 1 at rearview mirror connector E-127. • Turn ignition to ON position. • Read voltmeter. <p>• Is system voltage present?</p>		Yes	Go to A-2 .
		No	Repair circuit CR 5. Restore vehicle. Retest system.
A-2	CHECK CIRCUIT CR 4 FOR OPEN		
<ul style="list-style-type: none"> • Connector E-127 at rearview mirror disconnected. • Using DVOM set to ohm scale, connect negative lead to known good ground. • Connect positive lead to pin 2 at rearview mirror connector E-127. • Read ohmmeter. <p>• Is there 3 ohms or less?</p>		Yes	Go to A-3 .
		No	Repair circuit CR 4. Restore vehicle. Retest system.
A-3	CHECK CIRCUIT CR 6 FOR VOLTAGE		
<ul style="list-style-type: none"> • Connector E-127 at rearview mirror disconnected. • Using DVOM set to DC volt, connect negative lead to known good ground. • Connect the positive lead to pin 3 at rearview mirror connector E-127. • Turn ignition to ON position. • Make sure transaxle is in park (automatic) neutral (manual). • Read voltmeter. <p>• Is voltage present?</p>		Yes	Go to A-4 .
		No	Replace rearview mirror. Restore vehicle. Retest system.
A-4	CHECK CIRCUIT CR 6 AT BACK UP LAMP SWITCH		
<ul style="list-style-type: none"> • Connector E-127 at rearview mirror disconnected. • Access and disconnect connector B-25 (manual transaxle) B-26 (automatic transaxle). • Using DVOM set on DC volt, connect negative lead to known good ground. • Connect the positive lead to pin 1 (manual transaxle) pin 11 (automatic transaxle) at backup lamp switch. • Turn ignition to ON position. • Read voltmeter. <p>• Is voltage present?</p>		Yes	Repair circuit CR 6. Restore vehicle. Retest system.
		No	Refer to Volume 1 of Service Manual (for backup lamp switch adjustment or repair).

SELF-DIMMING LIGHTED REARVIEW MIRROR CIRCUIT DIAGRAM



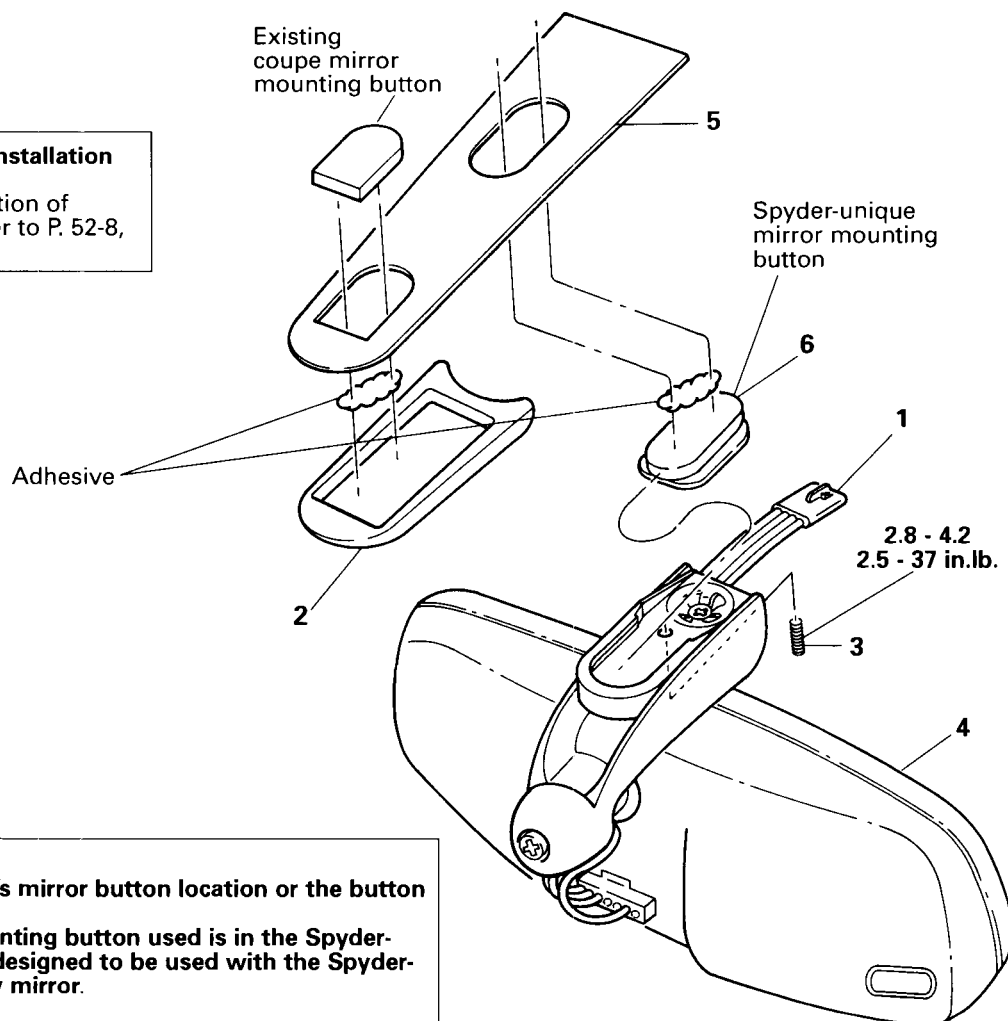
SELF-DIMMING LIGHTED REARVIEW MIRROR CIRCUIT DIAGRAM



<Self-dimming Lighted Rearview Mirror>

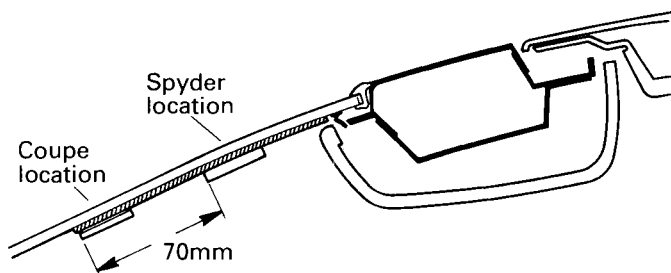
Pre-removal and Post-installation Operation

- Removal and Installation of Header Garnish (Refer to P. 52-8, in this section.)



CAUTION:

1. **DO NOT** use the coupe's mirror button location or the button itself.
2. **Be sure** the mirror mounting button used is in the Spyder-unique location and is designed to be used with the Spyder-unique lighted rearview mirror.



Self-dimming lighted rearview mirror removal steps

1. Mirror electrical connector
2. Lower mirror garnish
3. Mirror set screw
4. Mirror
5. Black-out applique
6. Mirror mounting button

SERVICE POINT OF REMOVAL**2. REMOVAL OF LOWER MIRROR GARNISH**

Grip the garnish with pliers and twist off the garnish to separate the adhesive bond.

SERVICE POINTS OF INSTALLATION**6. 5. INSTALLATION OF BLACK-OUT APPLIQUE/INSTALLATION OF MIRROR MOUNTING BUTTON****NOTE**

- (1) The header garnish must be removed prior to installation.
- (2) For best results the windshield should be at least room temperature.

- 1. Using a clean, lint-free cloth dampened with isopropyl alcohol, clean the area of the windshield where the mounting button and black-out applique will go.
- 2. Peel back the lower half of the protective backing from the black-out applique (rounded end).
- 3. Apply the exposed portion around the existing Coupe button while peeling away the remaining backing. Use gentle but firm pressure to smooth out any air bubbles. Air bubbles can be removed easily by pricking them with a needle and smoothing them out.
- 4. Apply the mirror button in the opening in the applique. Use an adhesive specifically made for bonding mirror buttons to windshields. Follow the manufacturer's directions.

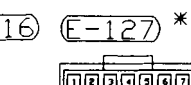
2. INSTALLATION OF LOWER MIRROR GARNISH

Use an adhesive suitable for bonding plastic to metal such as an acrylic-based two-part epoxy.

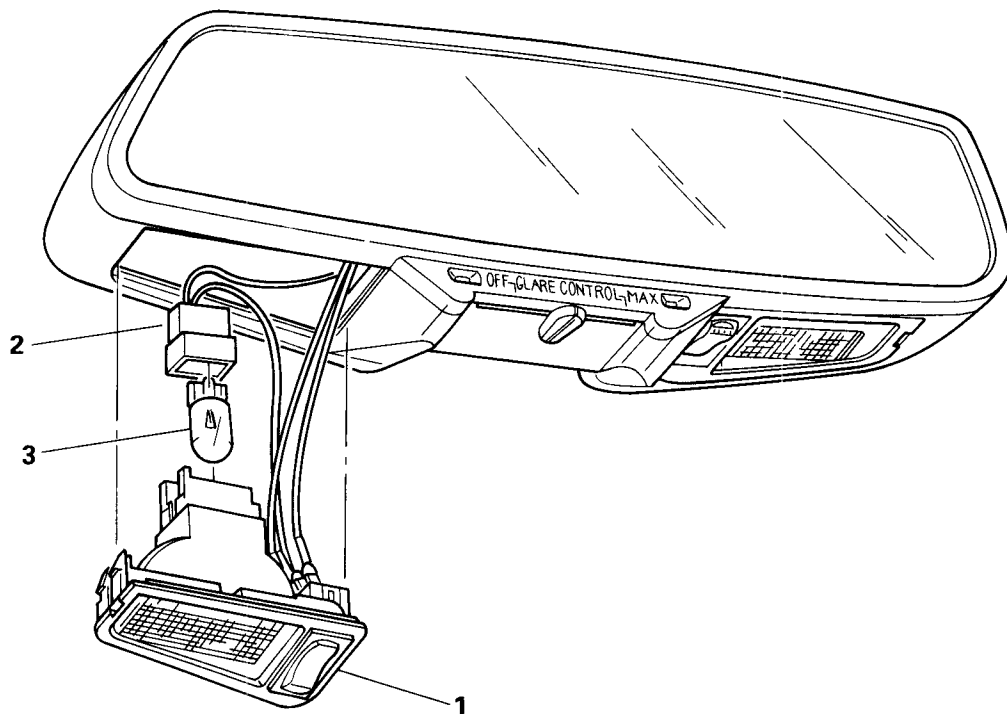
The diagram illustrates the electrical circuit for the ignition system. Key components and their connections include:

- IGNITION SWITCH (IG1):** Provides the main power source, with terminals 7, 13, 6, 1, 2, and 4.
- FUSIBLE LINK (6):** A 10A fuse (C-68) that protects the circuit, connected to terminal 1.
- IGNITION SWITCH (IG1):** Another ignition switch (B-W) with terminals 7, 11, 3, 1, and 52.
- MAP LIGHT:** Connected to terminal 1 of the ignition switch and terminal 6 of the fusible link.
- FOOT LIGHT:** Connected to terminal 1 of the ignition switch and terminal 6 of the fusible link.
- IGNITION KEY CYLINDER ILLUMINATION LIGHT:** Connected to terminal 1 of the ignition switch and terminal 6 of the fusible link.
- DATA LINK CONNECTOR (C-79):** A 4-pin connector (pins 16, 4, 9, 5) connected to the ignition switch and fusible link.
- ETACS UNIT:** A control unit connected to the ignition switch and fusible link.
- Wiring Colors:** Various colors are indicated for different wires, including R-B (Red-Black), R-Y (Red-Yellow), R-G (Red-Green), B-W (Black-White), B-L (Black-Light Blue), and B (Black).
- Grounding:** The system is grounded at the bottom, with terminals labeled (RH) and (LH).

REFER TO VOLUME 2
OF SERVICE MANUAL



LIGHTED REARVIEW MIRROR (MAP LIGHTS) REMOVAL AND INSTALLATION



Removal steps

1. Bulb holder/switch assembly
2. Bulb socket
3. Bulb