

**Rostra RearSight
250-8800-LPB & 250-8804-LPB
Installation Instructions**



CONTENTS

PARTS IDENTIFICATION.....	2
HELPFUL HINTS.....	2
INSTALLATION.....	3
TESTING.....	4

PARTS IDENTIFICATION

ITEM	QUANTITY	PART NUMBER	DESCRIPTION
1	1	250-8800	3.5 REARSIGHT MONITOR/MIRROR/STANDARD
	1	250-8804	3.5 REARSIGHT MONITOR/MIRROR/SLIM
2	1	250-8574	3.5 MONITOR INTERFACE HARNESS/STANDARD
	1	250-8566	3.5 MONITOR INTERFACE HARNESS/SLIM
3	1	250-8503	CAMERA EXTENSION HARNESS
4	1	250-8092	LICENSE PLATE CAMERA ASSEMBLY
5	1	250-8568	SACK PARTS: TIE STRAPS, T-TAPS, SEALING PUTTY



HELPFUL HINTS

1. **BEFORE STARTING INSTALLATION:**
FAMILIARIZE YOURSELF WITH THE INSTALLATION INSTRUCTIONS AND REARSIGHT COMPONENTS.
2. **ANTI-THEFT RADIO:**
IF VEHICLE IS EQUIPPED WITH AN ANTI-THEFT RADIO, THE RADIO CODE MUST BE WRITTEN DOWN PRIOR TO DISCONNECTING BATTERY CABLE. THE CODE MUST BE REENTERED WHEN THE NEGATIVE BATTERY CABLE IS REINSTALLED.
3. **REMOVAL OF NEGATIVE BATTERY CABLE:**
DISCONNECT THE **NEGATIVE BATTERY CABLE** FOR **THREE MINUTES** BEFORE INSTALLING THE REARSIGHT COMPONENTS TO AVOID UNINTENDED AIRBAG DEPLOYMENT.

FIGURE 1

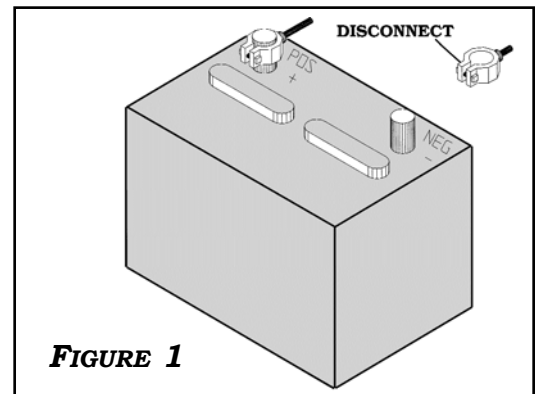


FIGURE 1

MONITOR WIRING DIAGRAM

CONNECT THE POWER EXTENSION HARNESS TO THE RED, GREEN AND BLACK WIRES OF THE MIRROR MONITOR HARNESS. UTILIZE THE **3 INLINE CONNECTORS** TO TIE THE **RED WIRE TO ACCESSORY POWER**, THE **GRAY WIRE TO REVERSE LIGHT POWER** AND THE **BLACK WIRE TO GROUND**. CONNECT THE **YELLOW MALE RCA VIDEO CONNECTOR** OF THE EXTENSION HARNESS TO THE **VIDEO (YELLOW CONNECTOR)** OF THE MIRROR HARNESS. CONNECT THE **RED MALE DC POWER CONNECTOR** OF THE EXTENSION HARNESS TO THE MIRROR **POWER OUTPUT (BLACK CONNECTOR)** OF THE MIRROR HARNESS.



CAMERA INSTALLATION

1. THE **CAMERA ASSEMBLY** IS FITTED WITH A **BRACKET** WHICH ALLOWS MOUNTING IN LICENSE PLATE LIGHT TRIM AREA AS SHOWN IN **FIGURE 1**. USE THE PROVIDED HARDWARE IN KIT TO APPLY SECONDARY BRACKET IF NEEDED.
2. USE THE **30FT CAMERA EXTENSION HARNESS** TO CONNECT THE MIRROR MONITOR TO THE CAMERA. ROUTE THE EXTENSION HARNESS WITH EXISTING WIRING ALONG THE VEHICLE.

LICENSE PLATE MOUNT



FIGURE 1

TESTING AND REASSEMBLY

TESTING

1. RECONNECT NEGATIVE BATTERY CABLE AND TORQUE TO **3 FT LBS**. RE-ENTER ANY THEFT DETERRENT INFORMATION, IF APPLICABLE.
2. TURN THE IGNITION SWITCH **ON**. PUT THE VEHICLE IN REVERSE. VERIFY THAT THE REARSIGHT MIRROR IS ON AND THAT THE CAMERA'S PICTURE APPEARS.
3. IF THERE IS NO PICTURE, VERIFY ALL CONNECTIONS ARE SECURE.

REASSEMBLY

1. REINSTALL ALL TRIM PIECES TAKING SPECIAL CARE TO ENSURE HARNESSES AND WIRING CONNECTIONS ARE PROPERLY SECURED.
2. BE SURE HARNESS IS NOT PINCHED OR BOUND BY TRIM PIECES.
3. PLACE THE OWNER'S CARD IN THE GLOVE BOX.
4. RECONNECT ALL DISCONNECTED BULBS AND CHECK FOR FUNCTION.

TROUBLE SHOOTING

FAULT CONDITION

MIRROR MONITOR DOES NOT COME ON

VEHICLE WILL NOT START

MONITOR VIDEO IMAGE COMES ON AND TURNS OFF

SOLUTION

CHECK FOR 12 VOLTS AT RED IGNITION WIRE. CHECK FOR 5 OHMS OR LESS AT BLACK GROUND WIRE. CHECK FOR WIRE IN POSITION 13 AT MIRROR CONNECTOR. IF WIRE IS NOT PRESENT, REFER TO SUPPLEMENTAL INSTRUCTIONS FOR RED WIRE.

CUT WIRE IN PIN 3 OF MIRROR CONNECTOR TO ISOLATE LAN COMMUNICATION CIRCUIT.

VERIFY SECONDARY BLUE REVERSE WIRE FROM MIRROR MONITOR HARNESS HAS 12 VOLTS TO BACK UP LIGHT CIRCUIT.(VEHICLE PRE-WIRED REVERSE WIRE IN PIN 9 IN NOT SUFFICIENT)REFER TO NOTE ON PAGE 3