

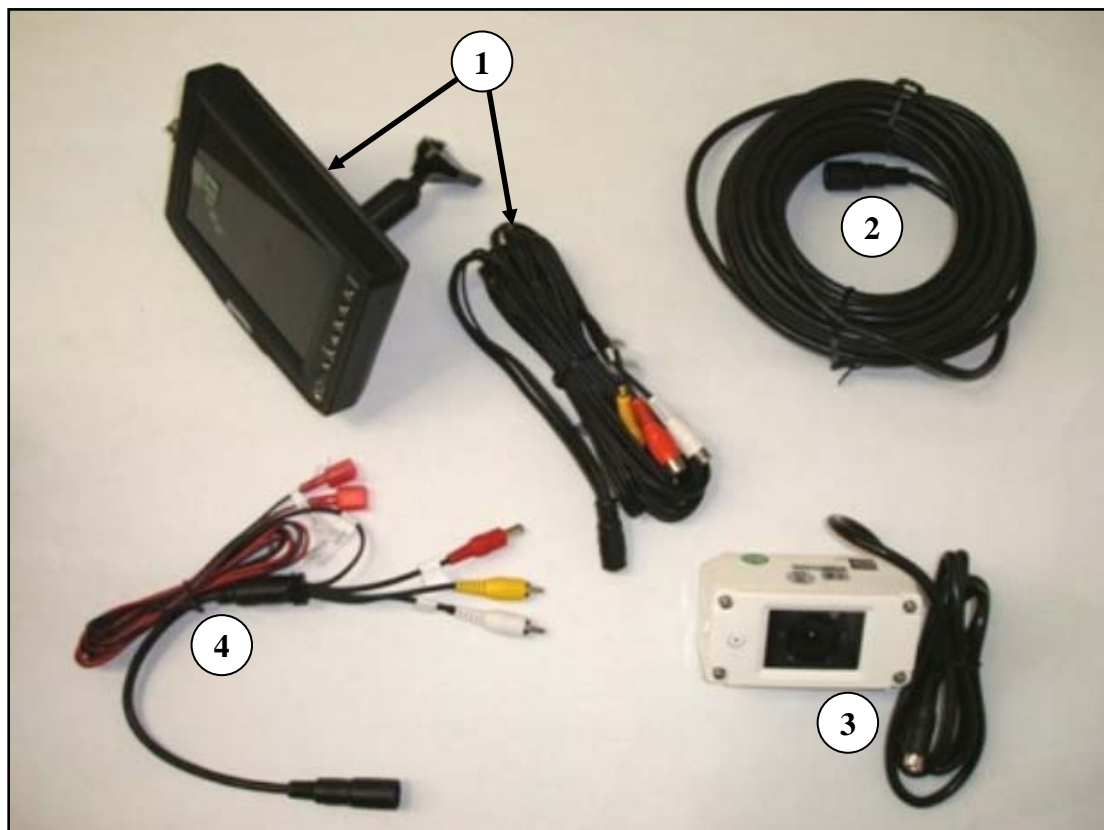
**REARSIGHT CAMERA SYSTEM**  
**250-8122**  
**INSTALLATION INSTRUCTIONS**

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# PARTS IDENTIFICATION

ITEM	QTY	Service PART NUMBER	DESCRIPTION
1	1	250-8131	REARSIGHT MONITOR/STEM ASSEMBLY & MONITOR HARNESS
2	1	250-8511	MONITOR EXTENSION HARNESS
3	1	250-8110	REAR CAMERA ASSEMBLY
4	1	250-8530	CAMERA RCA & POWER HARNESS
5	1	250-8509	SACK PARTS: TIE STRAPS, T-TAPS, SEALING PUTTY, FOAM TAPE, ALCOHOL PADS, CAMERA HARDWARE

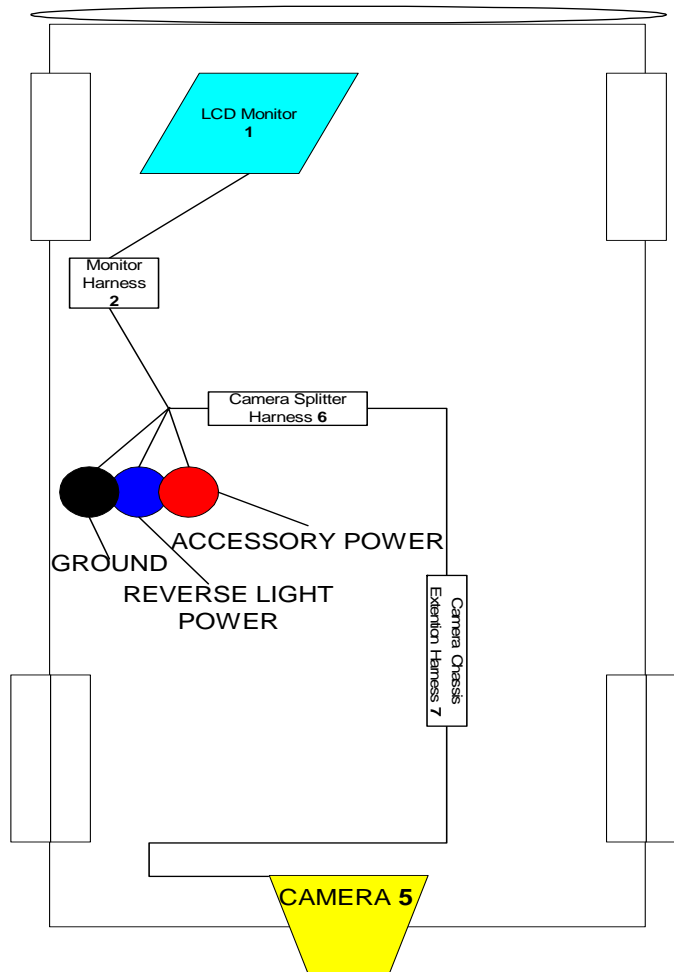


**HARDWARE BAG CONTENTS:**

ITEM	QTY	DESCRIPTION	ITEM	QTY	DESCRIPTION
5a	20	WIRE TIES	5d	3	RED FEMALE T-TAP
5b	1	SELF STRIPPING CONNECTOR	5e	1	SEALING PUTTY
5c	2	BLUE FEMALE T-TAP	5f	1	WARRANTY TAG (not pictured)

# SYSTEM LAYOUT

DIAGRAM A



# VEHICLE PREPARATION

**Before beginning installation**, familiarize yourself with the installation instructions and the REAR SIGHT camera system components.

To ensure your safety:

- A) Apply the emergency brake.
- B) Read this manual before starting.

**CAUTION:** It is advisable to disconnect the negative battery cable for 3 minutes before beginning installation, to avoid unintended air bag deployment. Note and record any anti-theft radio codes prior to disconnecting.

# INSTALLATION

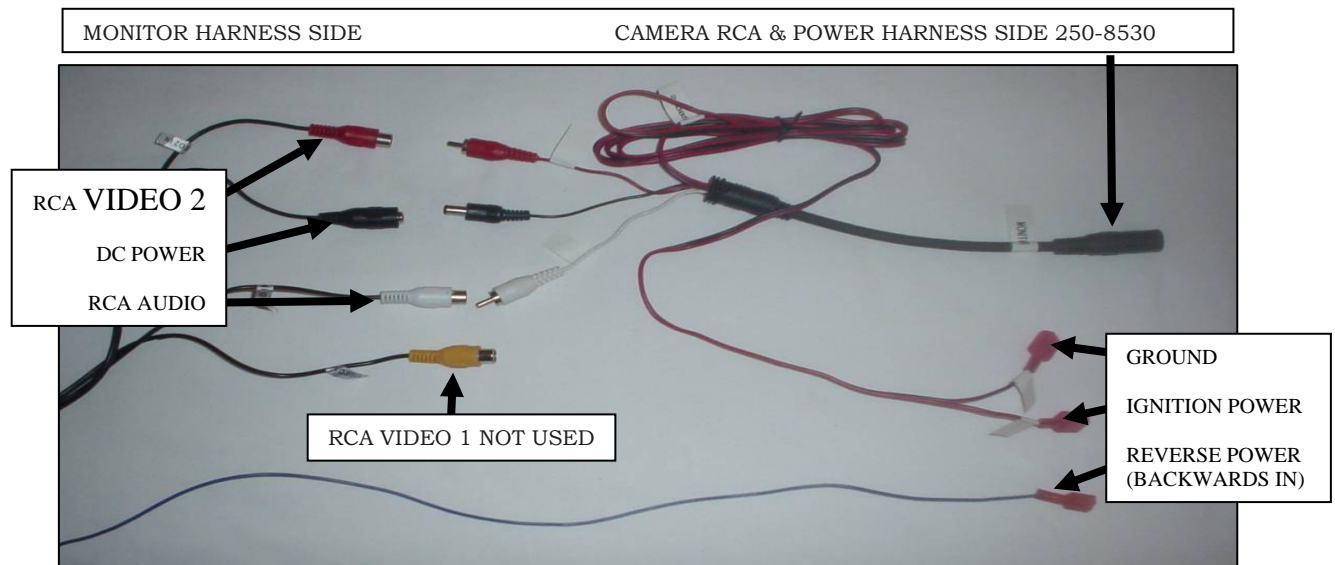
## STEP 1 HARNESS CONNECTIONS

1. ROUTE HARNESSES TO BE JOINED WITH **VIDEO 2** (VIDEO 2 ALLOWS REVERSE OVERRIDE TO FUNCTION) RCA, AUDIO RCA & DC POWER CONNECTOR HARNESS AS PER FIGURE 1. USE PROVIDED WIRE TIES TO SECURE WIRING HARNESS AWAY FROM MOVING PARTS AND SHARP EDGES.

### CONNECTIONS

- **RCA VIDEO 2** HARNESS TO RCA CAMERA HARNESS 250-8530
- **DC POWER** VIDEO HARNESS TO DC POWER CAMERA HARNESS 250-8530
- **RCA AUDIO** VIDEO HARNESS TO RCA AUDIO CAMERA HARNESS 250-8530
- **VIDEO 1** RCA HARNESS NOT USED IN THIS KIT. (NOTE: THIS INPUT CAN BE USED FOR SECOND CAMERA, NAVIGATION... ANY RCA DISPLAY)
- **BLACK GROUND WIRE** (LOCATED ON 250-8530 CAMERA RCA & POWER HARNESS) – **TO CHASSIS GROUND**
- **RED IGNITION WIRE** (LOCATED ON 250-8530 CAMERA RCA & POWER HARNESS) – **TO IGNITION POWER SOURCE.**
- **BACKWARDS IN** (LOCATED ON MONITOR RCA & POWER HARNESS) – **TO REVERSE LIGHT POWER.**

FIGURE 1



# INSTALLATION

## STEP2: MOUNTING MONITOR

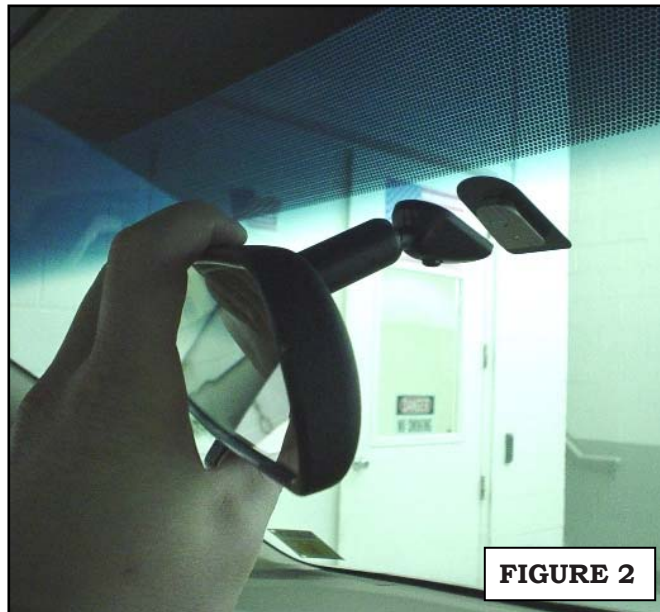


FIGURE 2

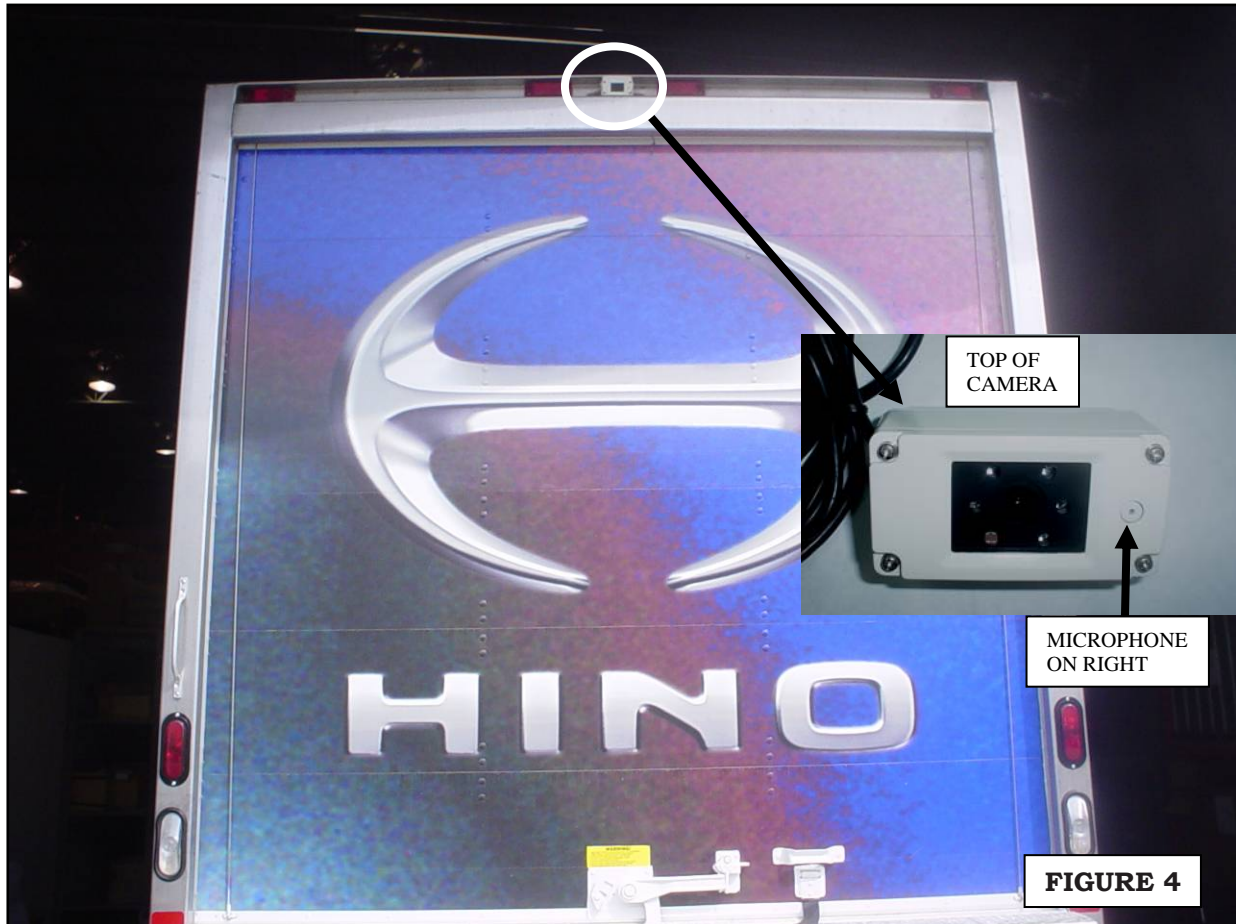


FIGURE 3

1. REMOVE EXISTING REARVIEW MIRROR FROM VEHICLE. FIGURE 2.
2. MOUNT REARSIGHT MONITOR ON WINDSHIELD LUG AND TIGHTEN SCREW. FIGURE 3. ROUTE CAMERA EXTENSION HARNESS TO THE BACK OF VEHICLE.
3. SECURE HARNESSES WITH WIRE TIES.

# INSTALLATION

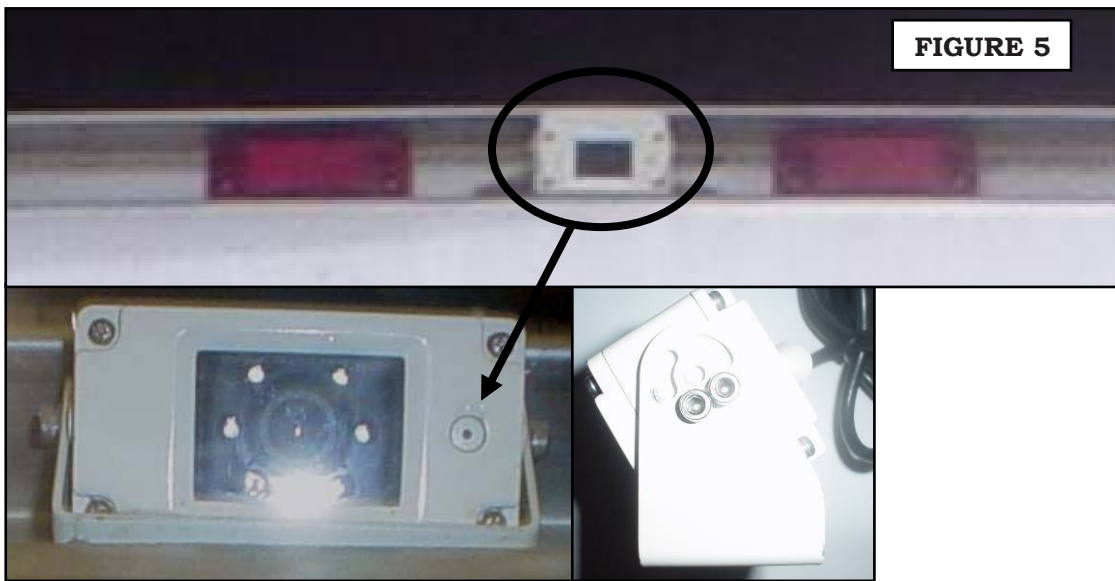
## STEP3: MOUNTING CAMERA



1. **WHEN MOUNTING THE CAMERA CHOOSE A LOCATION THAT MEETS SOME VERY IMPORTANT REQUIREMENTS.**
  - **CAMERA IS MOUNTED IN MANNER THAT PROVIDES A CLEAR VIEW FOR THE BACK OF THE VEHICLE. THIS VIEW SHOULD INCLUDE A PORTION OF THE VEHICLE AS TO PROVIDE A POINT OF REFERENCE. THIS WILL LET YOU UNDERSTAND HOW FAR AWAY YOU ARE FROM AN OBJECT AND THE RATE OF CLOSER TO IT. ALSO CONSIDER BLINDSPOT AREAS.**
  - **THE CAMERA SHOULD BE IN AN AREA OF THE VEHICLE THAT PROTECTS IT FROM OBVIOUS DAMAGE DUE TO FREIGHT DELIVERY OR GENERAL VEHICLE USE. (FREE OF DOORS, DUMP BED TRAVEL... AWNINGS ON BUILDINGS, ...ETC)**
  - **WHENEVER POSSIBLE AVOID INSTALLING CAMERA IN LOW OR EXPOSED PLACES WHERE LENS CAN BE COVERED WITH ROAD DIRT, MUD AND EXHAUST GASES.**

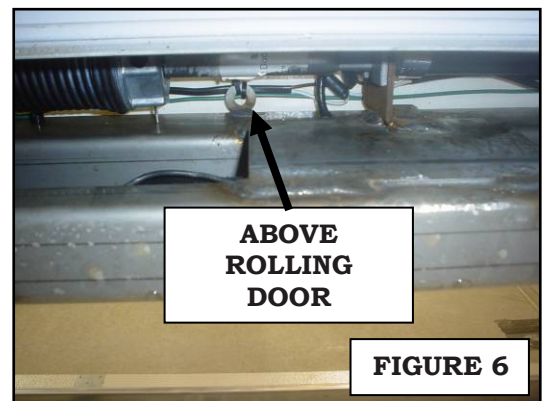
2. THIS INSTRUCTION IS BASED ON INSTALLATION PREFERENCE FOR THE BOX TRUCK APPLICATION (SEE CAMERA INSTALLATION FIGURE 5). REMOVE CENTER THIRD BRAKE LIGHT FROM BOX IF MOUNTING IN CENTER OF TOP OF BOX. (FIGURE 5)

- REMOVE CENTER BRAKE LIGHT.
- ENLARGE LED HARNESS HOLE FOR CAMERA HARNESS USING 12MM DRILL.
- USE BRACKET FOR TEMPLATE TO MOUNT CAMERA AT OUTERMOST POINT OF FRAME.
- ASSEMBLE CAMERA AS SHOWN. ANGLE CAMERA FULLY TO THE GROUND IN ORDER TO SEE BUMPER OF TRUCK.

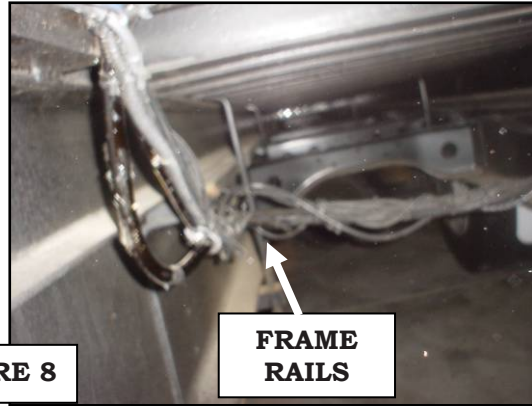
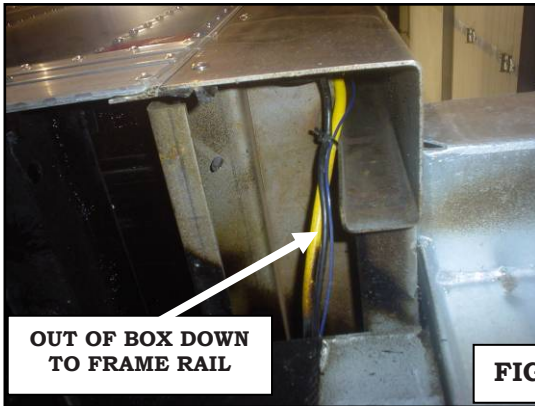
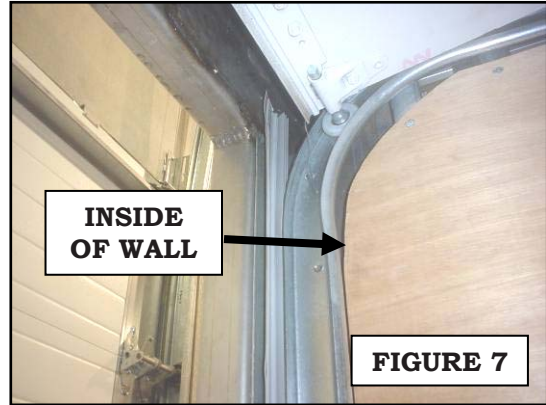


3. ALWAYS UTILIZE STANDARD PRACTICE OF VEHICLE WIRE ROUTING WHEN ROUTING CABLES. THIS INCLUDES ROUTING LOCATION, ATTACHMENT AND TIE POINTS.

- ROLLING DOOR SPRING WILL RUB THROUGH INSULATION AND DAMAGE CAMERA. ALWAYS ATTACH TO CLEARANCE LIGHTS MAIN TIE POINTS AND ALSO TO EXISTING HARNESS. (FIGURE 6)



- ROUTE CABLES INSIDE WALL OF TRUCK BODY TO PREVENT ANY DAMAGE TO CIRCUITS. (FIGURE 7)
- ROUTE WITH EXISTING CABLES AT EXITS AT THE BOTTOM OF THE BOX AND ALONG FRAME RAIL WIRE TIE CIRCUITS AT A MINIMUM AT THE OEM FREQUENCY. (FIGURE 8)



**4. OPTIONAL INSTALLATIONS:**

**FIGURE 9**



# TESTING AND REASSEMBLY

## TESTING

1. RECONNECT NEGATIVE BATTERY CABLE AND TORQUE TO 3FT\*LBS. RE-ENTER ANY THEFT DETERRENT INFORMATION, IF APPLICABLE.
2. TURN THE IGNITION SWITCH ON. PUT THE VEHICLE IN REVERSE. VERIFY THAT THE REARSIGHT MONITOR IS ON AND 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.

## INSTALLATION TIPS

- CONFIRM PROPER CABLE EXTENTION CONNECTOR ORIENTATION AND ALWAYS VERIFY PROPER ENDS ARE ROUTED IN PROPER DIRECTION.
- IT IS A GOOD IDEA TO DRY FIT THE KIT BEFORE PERMANENTLY ATTACHING THE UNIT TO INSURE PROPER ORIENTATION AND OPERATION BEFORE BEGINNING INSTALLATION FOR FAMILIARIZATION OF COMPONENTS.
- READ ALL INSTRUCTIONS AND WARNINGS BEFORE BEGINNING THE INSTALLATION OF THIS KIT.
- ALWAYS TREAT ANY METAL EXPOSED DURING INSTALLATION WITH RUST PREVENTATIVE COMPOUND TO PREVENT RUST AND OR CORROSION FAILURE.
- ALWAYS SEAL ANY HOLES DRILLED WITH PROVIDED SEALING PUTTY TO PREVENT WATER INFILTRATION INTO UNPROTECTED OR AREAS OF CONCERN.
- CONFIRM INTEGRITY OF MECHANICAL AND ELECTRICAL CONNECTIONS BEFORE MOVING TO NEXT INSTALLATION SEQUENCE.

# NOTES

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