

# NATIONAL RV INC.

## RECALL REPAIR PROCEDURE

3-SE-03-07

**Subject:** Front Side Marker Light and Reflector  
**Models:** Surf Side MY 2006, 2007

### Problem Summary:

Surf Sides built from January 2006 to August 2007 are not equipped with front side marker light and reflector installed per FMVSS 108. FMVSS 108 requires one marker light and reflector on each side of the vehicle at the front. The purpose of the front side marker light and reflector is to indicate the overall length of vehicle to oncoming traffic.

### Solution:

Install side markers light with reflectors to each side of the coach at the front.

### Repair Procedure:

- 1- Mark hole locations to the front of coach and drill holes through as specified in attached print.
- 2- Connect side marker light / reflector wire leads NRV # 100265 with one 18" to 20" long 14 AWG **brown** wire, and one 18" to 20" long 14 AWG **black** wire. Use NRV butt connector part # 300407.
- 3- Install and secure side marker light / reflector with screw NRV# 137428 to each side of coach. Make sure the DOT stamp reads upright on the side marker light reflector lens.
- 4- Connect the **brown** wire from the right side marker light / reflector to the right headlamp assembly parking light **12V brown wire**. The parking light **12V brown wire** is connected to the headlamp wiring harness with a bell cap connector. Remove bell cap from wire assembly and add the side marker light brown wire to the wire assembly with new bell cap NRV part # 300402.
- 5- Connect the **black** wire from the right side marker light / reflector to the right headlamp assembly parking light **ground black wire**. The parking light **ground black wire** is connected to the headlamp wiring harness with a bell cap connector. Remove bell cap from wire assembly and add the side marker light black wire to the wire assembly with new bell cap NRV part # 300402.
- 6- Connect the left side marker light / reflector as shown in step 4 and 5.
- 7- Use electrical tape and adequately cover all electrical connections made.

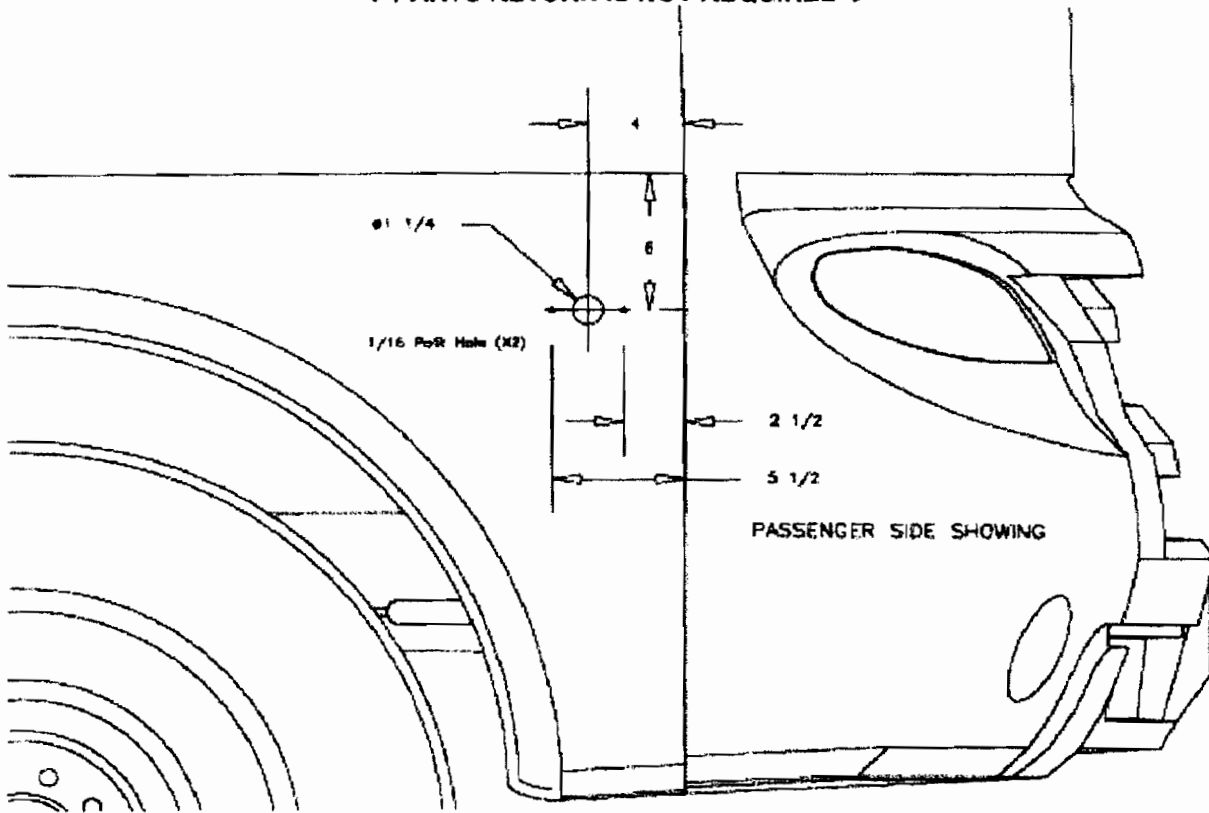
### Parts List:

QUANTITY	PART NO.	DESCRIPTION
2	100265	LIGHT,CLRNC,AMBER,30-59-002
4	300407	TERMINAL,BUTT,BLU,14-16GA
40"	127944	WIRE,STRAND,XLP,14 BRN,125C
40"	127943	WIRE,STRAND,XLP,14 BLK,125C
4	300402	TERMINAL,BELL CAP,#16-14GA,MED
4	137428	SCREW 8x2",PHIL,PAN,SMS,SS

### Warranty Information:

OP CODE	DESCRIPTION	OP TIME
J0400031	Surf Side Front Side Markers / Reflectors .	.5

◆ PARTS RETURN IS NOT REQUIRED ◆



# NATIONAL RV INC.

3-SE-04-07

## RECALL REPAIR PROCEDURE

**Subject: Rear Side Marker Light and Reflector.**  
**Models: Dolphin MY 2006, 2007.**

### Problem Summary:

Dolphins built from January 2006 to August 2007 are not equipped with rear side marker light and reflector installed per FMVSS 108. FMVSS 108 requires one marker light and reflector on each side of vehicle at rear. The purpose of the rear side marker light and reflector is to indicate the overall length of vehicle to oncoming traffic.

### Solution:

Install side markers light with reflectors to each side of coach at rear.

### Repair Procedure:

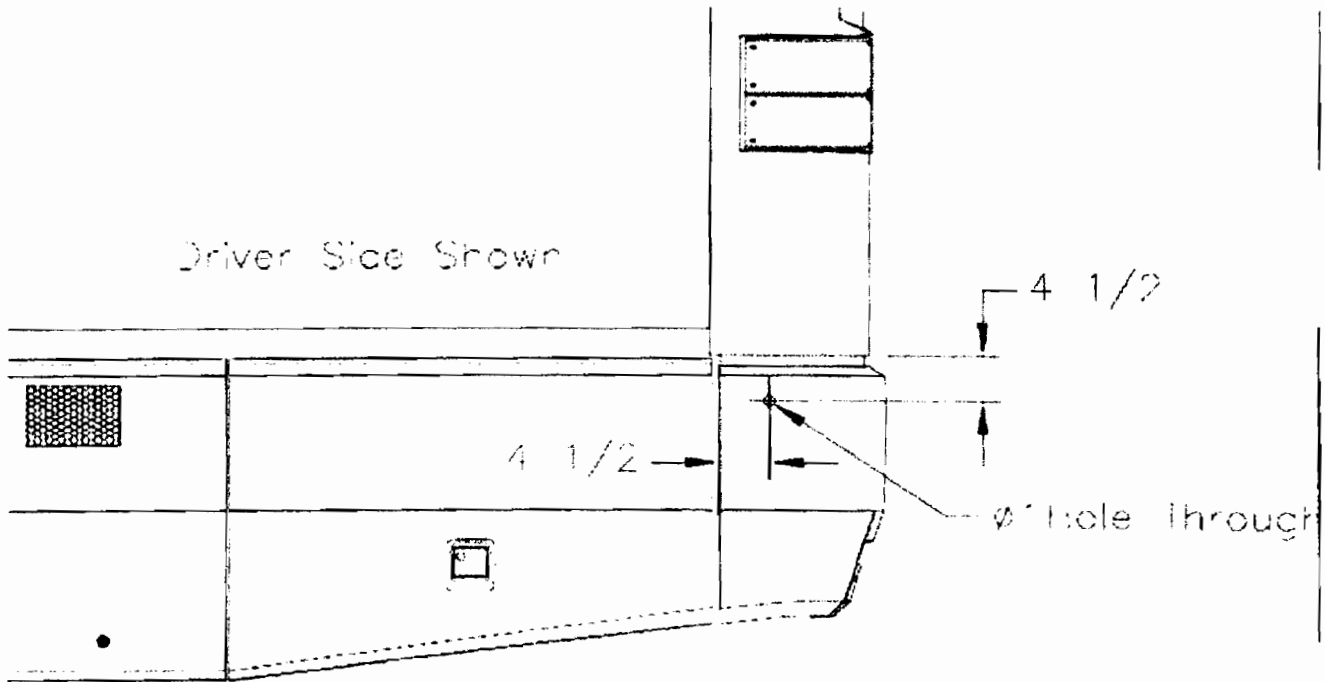
- 1- Mark hole locations to the rear of coach and drill hole through as specified in attached print.
- 2- Connect side marker light / reflector wire leads NRV # 136295 with one 80" to 84" long 14 AWG **brown** wire, and one 80" to 84" long 14 AWG **black** wire. Use butt connector NRV part # 300407.
- 3- Install and secure side marker light / reflector with screw NRV# 137428 to each side of coach. Make sure the DOT stamp reads upright on the side marker light reflector lens.
- 4- Connect the **brown** wires from the right and left side marker lights by splicing into the trailer hitch brown wire parking light **12V brown wire**. Use bell cap contactor NRV# 300402 to complete wire termination.
- 5- Connect the **black** wires from the right and left side marker lights by splicing into the trailer hitch **black** wire parking light **ground black wire**. Use bell cap contactor NRV# 300402 to complete wire termination.
- 6- Use electrical tape and adequately cover all electrical connections made.

### Parts List:

QUANTITY	PART NO.	DESCRIPTION
2	136295	LIGHT,CLRNC,RED,99063
160"	127944	WIRE,STRAND,XLP,14 BRN,125C
160"	127943	WIRE,STRAND,XLP,14 BLK,125C
4	300402	TERMINAL,BELL CAP,#16-14GA,MED
4	300407	TERMINAL,BUTT,12-10
4	137428	SCREW 8x2",PHIL,PAN,SMS,SS

### Warranty Information:

OP CODE	DESCRIPTION	OP TIME
J0400031	Dolphin Rear Side Markers / Reflectors FMVSS 108 Requirements.	.5



◆ PARTS RETURN IS NOT REQUIRED ◆