

9501-2

ATTN: SEFF

MURANO<sup>PI</sup>

GENUINE PARTS

# INSTALLATION INSTRUCTIONS

Spot Bar

## 1. DESCRIPTION:

DUMPER BAR

## 2. APPLICATION:

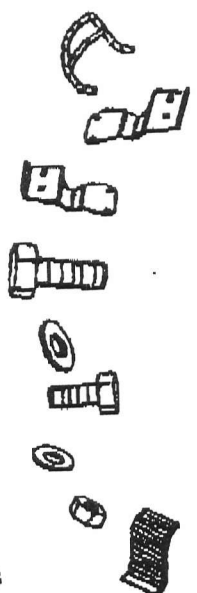
'03 NISSAN MURANO

## 3. PART NUMBER:

DC552S

## 4. KIT CONTENTS:

Item NO.	Qty	Service Part Number	Description
1	1		Light bar
2	1		Left mounting bracket
3	1		Right mounting bracket
<u>Hardware kit</u>			
4	4		M12-1.25X35 Hex bolt
5	4		M12 Washer
6	4		M10-1.5X30 Hex Bolt
7	8		M10 Washer
8	4		M10-1.5 Hex Nut
9	1		Installation instructions



## 5. Tools Required:

Ratchet(3/8" drive)	12-20" Extension(3/8" drive)	Stub Length Phillips Screwdriver
17mm Universal Joint	Torque wrench(Suitable for 42 and 56 ft./lbs)	17mm wrench
Impact Socket(3/8" drive)		Eye Protection

## 6. INSTALLATION PRECATIONS/NOTES:

Correct tools are necessary due to tight clearances and high torque



CAUTION



CAUTION

PZ

# INSTALLATION INSTRUCTIONS - BUMPER BAR

## 7. INSTALLATION PROCEDURE

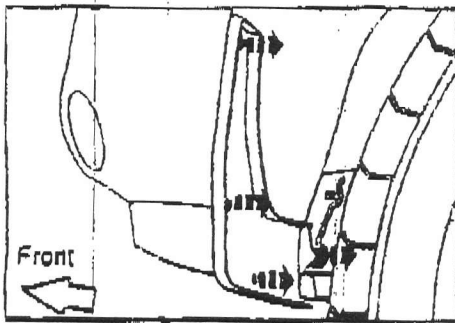


Fig. 1

1. If possible, lift the vehicle so that you can stand and work under the vehicle.
2. Turn wheels all the way to allow clearance for hands and tools.
3. Remove the four fasteners located in the front wheel well that attach the splash guard. (See Fig. 1)  
Note: Do NOT throw components away.

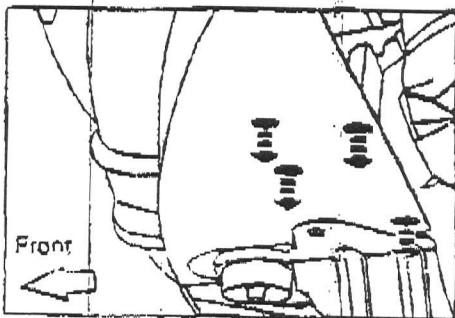


Fig. 2

4. Remove the four fasteners located underneath the vehicle that attach the splash guard and the splash trim. (See Fig. 2)  
Note: Do NOT throw components away.

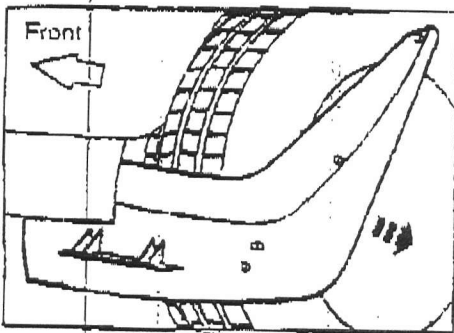


Fig. 3

5. Remove the splash guard from the vehicle. (See Fig. 3)  
Note: Do NOT throw components away.

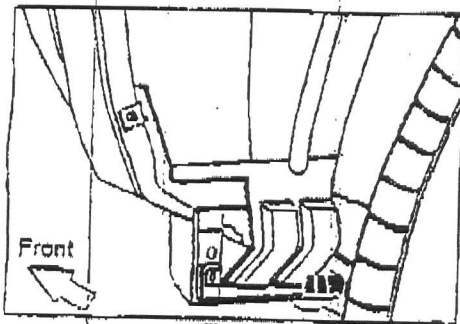


Fig. 4

6. Pull back the splash trim around the wheel well for clearance of hands and tools. (See Fig. 4)

# INSTALLATION INSTRUCTIONS - BUMPER BAR

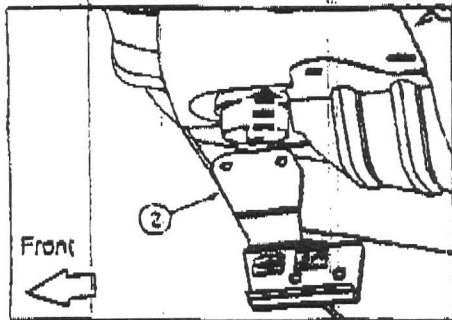


Fig. 5

Driver's side:

7. Insert the Bumper Bar Left Mounting Bracket through the clearance area around the splash trim and the front frame mounting area. (See Fig. 5)

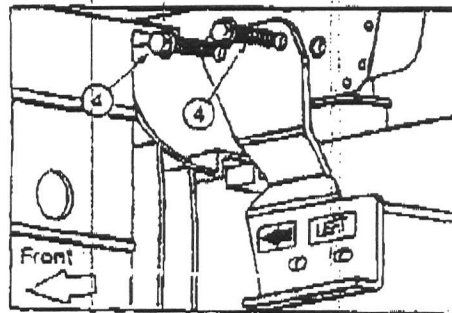


Fig. 6

8. Hand start the 12mm bolts into the 12mm weld nuts on the side plate of the frame. (See Fig. 6)

Run bolts down as far as possible by hand and leave loose.

NOTE: Hand tool clearance is minimal, and it is best to stand underneath the wheel well.

NOTE: Bend lower fascia spoiler slightly to provide better hand tool clearance.

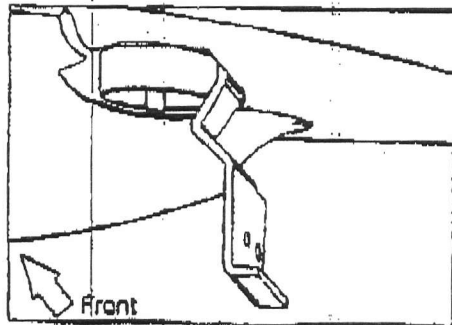


Fig. 7

NOTE: Proper orientation of the brace and location in relation to the driver's side of the vehicle is shown in Fig. 7.

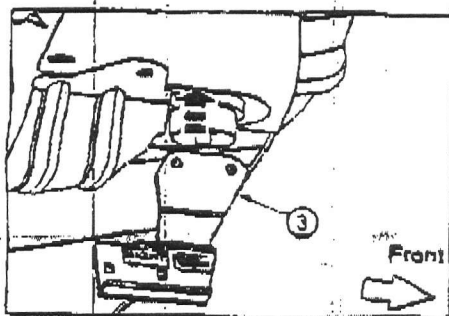


Fig. 8

Passenger side:

9. Repeat steps 2 through 8 for the passenger side.

# INSTALLATION INSTRUCTIONS - BUMPER BAR

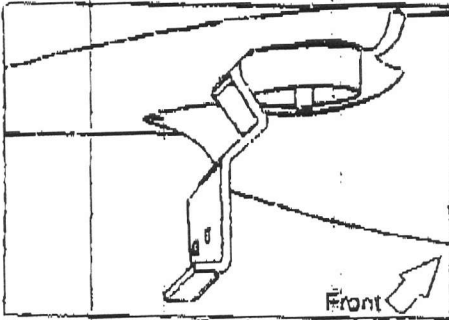


Fig. 9

NOTE: Proper orientation of the brace and location in relation to the passenger's side of the vehicle is shown in Fig. 9.

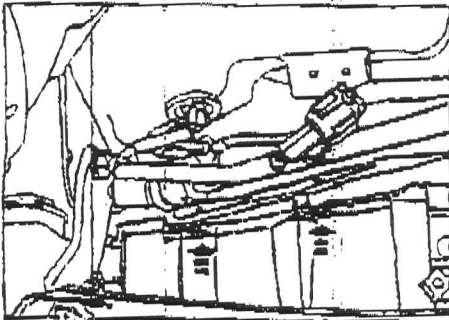


Fig. 10

10. On the passenger's side, the lower fascia will need to be loose for wrench and socket entry. Remove the fasteners located as shown in Fig. 10. (Do NOT throw away)

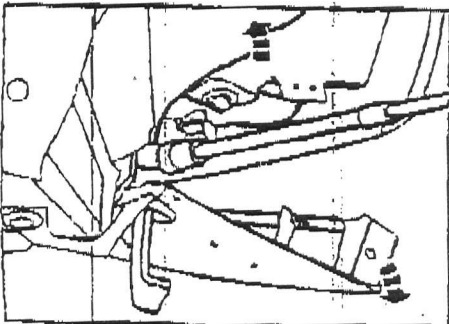


Fig. 11

Note: When tightening down the screw to torque level, guide the socket and extension along the bumper fascia as shown in Fig. 11. The bottom fascia needs to be pulled down, and the wiring to the washer fluid reservoir can be raised up.

**CAUTION**  
Be sure NOT to loosen the windshield washer reservoir connection

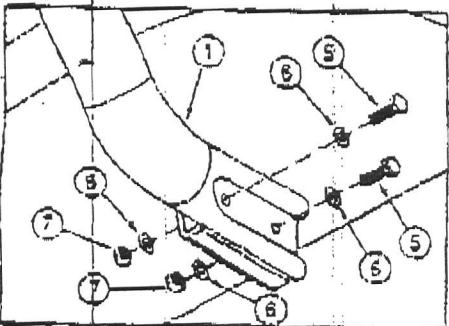


Fig. 12

11. Mount both ends of the Bumper Bar to the Left / Right Mounting Brackets using the 10mm Bolts, washers, and the 10mm nuts. Hand tighten the 10mm bolts until snug with the Bumper Bar and Mounting Brackets.

# INSTALLATION INSTRUCTIONS - BUMPER BAR

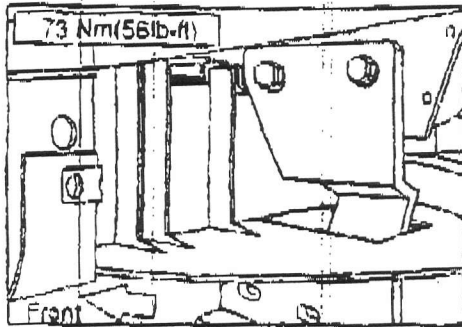


Fig. 13

12. Tighten 12mm bolts to 73Nm (56ft/lbs.)

13. Install the parts removed in steps 3-6

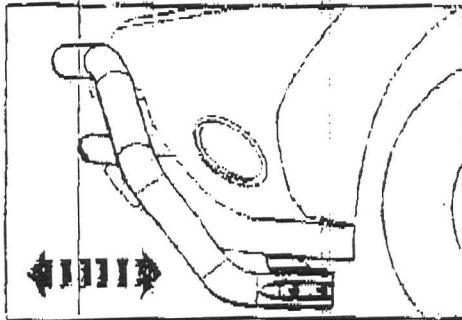


Fig. 14

14. Adjust the Bumper Bar forward or back to get an even gap around the vehicle. (10mm (3/8") minimum) (See Fig. 14)

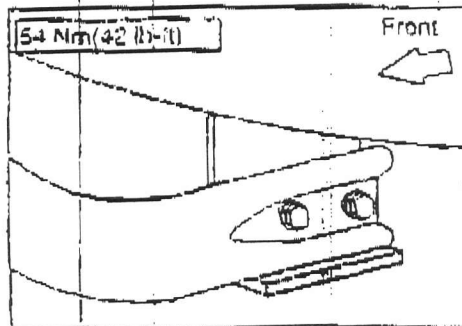


Fig. 15

15. Tighten 10mm bolts to 54Nm (42ft/lbs.)