

PAJERO/MONTERO  
 NUDGE BAR  
 No. WN-PAJ07-NBAR-SS-B  
 INSTALLATION AND HANDLING INSTRUCTIONS

Thanks you for purchasing the Mitsubishi Genuine Accessory.

To install and use the product correctly with proper knowledge of it, read this publication carefully.

Keep this publication for reference when maintenance is required.

**Attention**

. This publication gives precautionary instruction in the boxes titled as follows. Read through these instructions thoroughly.

**⚠ Caution** Describes precautions that should be observed in order to prevent injury or damage to the vehicle or its components, which may occur if sufficient care is not taken.

**📖 Note** Provide additional information that facilitates installation work.

. failure to follow these instructions not only prevents the product from working properly but may lead to trouble with the vehicle. Be sure to follow all instructions carefully.

. If there is anything unclear about the installation. Handling and/or usage of the product, contact your Mitsubishi motors dealer for clarification.

. Mitsubishi Motors corporation is not responsible for any defects or difficulties caused by or resulting from the failure to follow given instructions.

. we recommend you to have the installation performed at an authorized Mitsubishi motors dealer.

■ **TOOLS** (Make the following tools ready for use)

Socket wrench

open-end wrench

phips screwdriver

trim remover

■ **COMPONENTS** (Make sure that all of the following components were included in the kit)

(1) Nudge bar:1	(2) Upper mount bracket:2
(3) Number plate bracket:1	(4) M8 standard flat washer(16mm O.D.X1.3mm thick):4
(6) M8 nut:2	(7) M8 spring washer:6
(9) M8x25 cup head bolt:2	(10) M8x75 bolt:2
(12) M6 flat washer: 2	(13) M6 spring washer:2
	(5) M8 heavy-duty flat washer(20 mm O.D.X2 mm thick):6
	(8) M8x30 bolt:2
	(11) M6x20 pan head bolt:2
	(14) M5x20 combination bolt:2

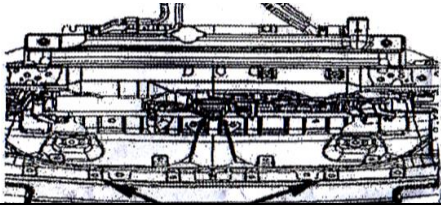
(15) M5 spring washer:2	(16) M5 nut:2	(17) 22O.DX10 I.D.X47 AL.Spacer:2
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■ PRECAUTIONS

- . Be sure to apply the parking braking brake securely . Remove the ignition key from the key cylinder.
- . This work requires two assistants.

INSTALLATION PROCEDURES
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## A. ATTACHING THE NUDGE BAR



Remove plastic clips and ream plastic to Ø18 mm

Diagram 1- Top View

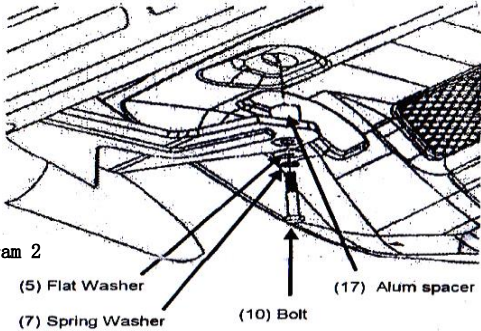


Diagram 2

(8) M8X30 bolts, (7) Spring W. (5) HD. flat washer & 2 x (4) M8 SD flat washers

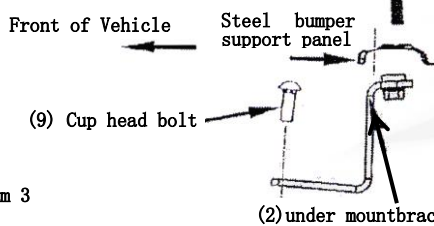


Diagram 3

Diagram 4

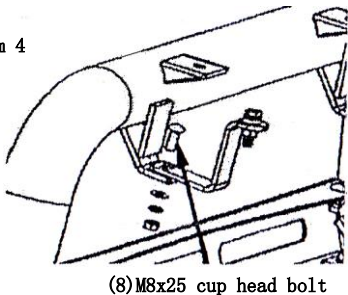
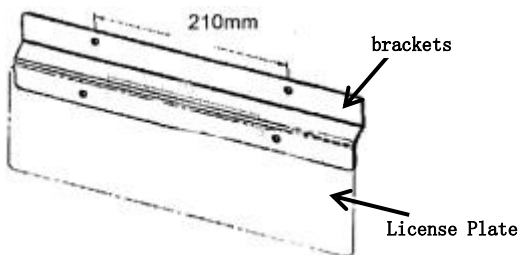


Diagram 5



- 1) Open vehicle bonnet.
- 2) Remove grille from front of vehicle by releasing the seven plastic clips (using a screwdriver) securing it to the radiator panel.
- 3) Remove two more plastic Clips securing the top rear edge of the plastic bumper to the steel bumper support panel. (Refer to diagram 1). Then ream these two clip holes in the plastic bumper to Ø18mm.

**Caution**  
When reaming plastic bumper, do NOT drill through the steel bumper support panel.

- 4) From underneath the front of the vehicle, remove and discard the two bolts securing the front of the under body guard. (Refer to Diagram 2.)
- 5) Position the upper mount brackets (2) underneath the steel bumper support panel. (Refer to Diagrams 3 & 4). The hole in the short end of the bracket (2) should align with the hole in the steel bumper support panel and the long end should protrude through the top section of the lower air grille in the front of the plastic bumper. Insert cup head bolt (9) into the hole on the long end of each bracket (2). Loosely fit the upper mounting brackets (2) to the bumper support panel utilizing M8X30 bolt (8), spring washer (7), heavy-duty flat washer (5) and two standard washers (4). (Refer Diagram 3.)

**Note**  
The two standard washers (4) act as a spacer and are dropped into the reamed hole in the plastic bumper.

- 6) Using two assistants, carefully lift the nudge bar (1) up into position and secure lower bar mounts. insert M8 x 65 bolts (10), M8 heavy-duty washers (5) and M8 spring washers (7) through lower mounts. Place spacer tube (17) on bolt extended through lower mount and secure into captive nuts previously used to secure front under body guard. (Refer to Diagram 2.) Finger tighten only.
- 7) Secure upper mount bracket to tab on nudge bar using M8 x 25 cup head bolts. (9) (fitted in step 5). M8 heavy-duty flat washers (5), M8 spring washers (7), and M8 nuts (6), (Refer to Diagram 4.) Finger tighten only.
- 8) Position nudge bar (1) at the center of the vehicle, equally spaced on its sides. Confirm that the right and left ends do not interfere with the bumper.
- 9) Tighten the following bolts to the specified torque: M8 x 75 lower mounting bolts (10) to 22 N.m All other M8 bolts to 22 N.m.
- 10) Re install the grille to the vehicle that was removed in step 2).
- 11) Relocate number plate down using number plate bracket (3), M5 x 20 combination bolts (14), M6 x 20 pan head bolts (11), M6 flat washers (12), M5 spring washers (15), M6 spring washers (13) and M5 nuts (16).

**Note**  
Attach the number plate to the bracket using the narrow spaced holes (165mm) and then attach to the vehicle using the wider spaced holes (210mm). Refer Diagram 5.

**Caution**  
The number plate bracket (3) may not fit your number (licence) plate. If so, modify the number plate bracket (3) or fabricate an appropriate bracket by yourself.

**Caution**  
(a) Do not attach Nudge Bar to the vehicle using anchorages not intended for this purpose (e.g. engine mountings bolts).  
(b) Do not use this product for any vehicle make or model, other than those specified in this document.  
(c) Do not remove the plaque or label from the Nudge Bar.  
(d) Do not modify the structure of the Nudge Bar in any way.