



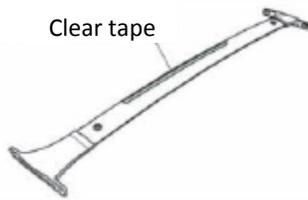
GENUINE PARTS

INSTALLATION INSTRUCTIONS

DESCRIPTION:	CROSSBAR KIT
APPLICATION:	ARMADA
PART NUMBER:	T99R1 5ZW0A

KIT CONTENTS:

Item	Qty.	Part Description	Service Part Number
A	1	Front crossbar assembly	---
B	1	Rear crossbar assembly	---
C	8	T-30 Torx bolt	---
D	1	Installation Instruction Replacement Template	---



A



B



C



D

TOOLS REQUIRED:

- Flathead screwdriver
- T-30 Torx wrench
- Rag (soft cloth)

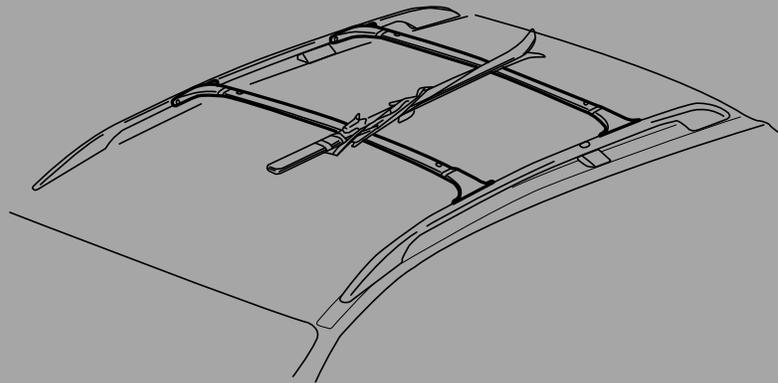
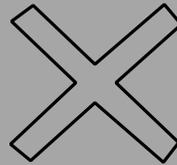
PRE-INSTALLATION WARNINGS, CAUTIONS, CRITICAL STEPS, and NOTES:

- Dealer Installation Recommended. Instructions may refer to Service Manual.
- These instructions are for left side of vehicle; same procedure applies to right side.

PRE-INSTALLATION CAUTION and NOTES:

⚠ CAUTION

The crossbar is not designed to directly bear loads.



⚠ CAUTION

- Always evenly distribute the luggage and appropriate crossbar attachment on the crossbar. Do not load more than 100 lbs.(45kg). Be careful that your vehicle does not exceed the Gross Vehicle Weight Rating (GVWR) or its Gross Axle Weight Rating (GAWR Front and Rear). The GVWR and GAWR are located on the Safety Compliance Certification Label (located on the driver's door pillar). For more information regarding GVWR and GAWR, refer to "Technical and Customer Information".

Ensure both front and rear crossbars are installed correctly. See Installation Instructions for details.

- Use care when placing or removing items on the crossbar.
If you cannot comfortably lift the items onto the crossbar from the ground, use a ladder or stool.

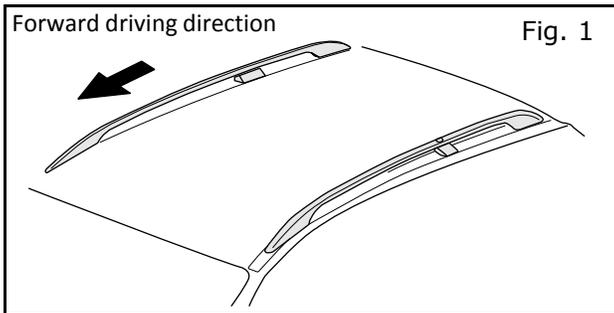
Precautions and points to check before driving

- Initially, there may be some loosening of the screws. Retighten the screws as necessary (after driving approximately 60miles (100km)).
- Verify that the vehicle height with the crossbar attached is within limits before entering tunnels or areas of restricted height such as parking garages.

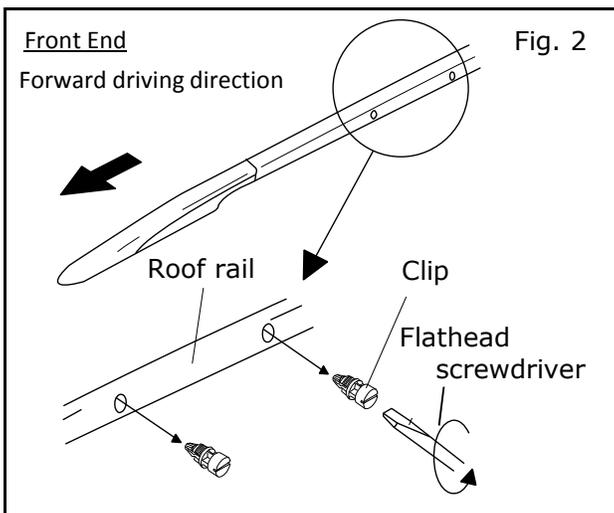
INSTALLATION PROCEDURE:

CAUTION

- During installation, take precautions to prevent scratching or damaging the vehicle.
- Perform installation in a spacious area to allow opening and closing the vehicle doors.



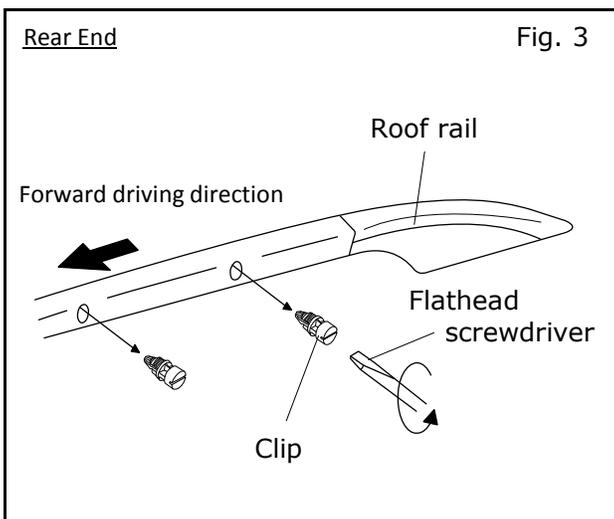
- 1) Cleaning the Installation Area on the Vehicle
Use a damp cloth to clean the area where the crossbar will be installed (as indicated by the shaded areas) as shown in Fig. 1.



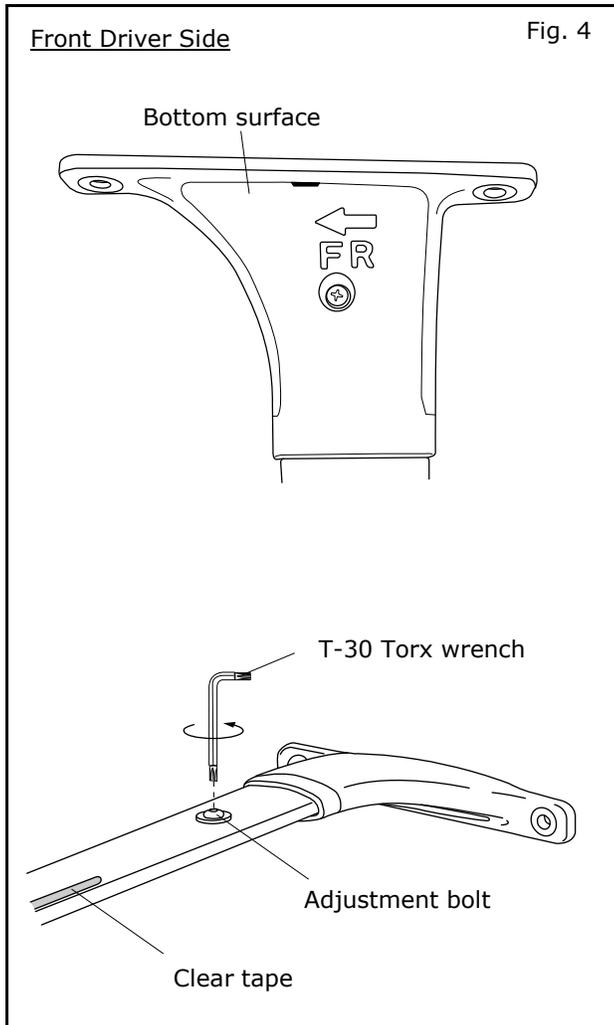
- 2) Preparing for Installation
 - a) Use a flathead screwdriver to loosen and remove the clips attached to the left roof rail at two positions on the front and two positions on the rear.
(Fig. 2: Front End Fig. 3: Rear End)
 - b) Repeat step 1 on the right side roof rail.

CAUTION

- Roof rail clips are not reusable and should be discarded after removing.



INSTALLATION PROCEDURE:



- 3) Preparation for Front crossbar assembly "A"
 - a) Identify and obtain the Front crossbar by using Fig. 4.

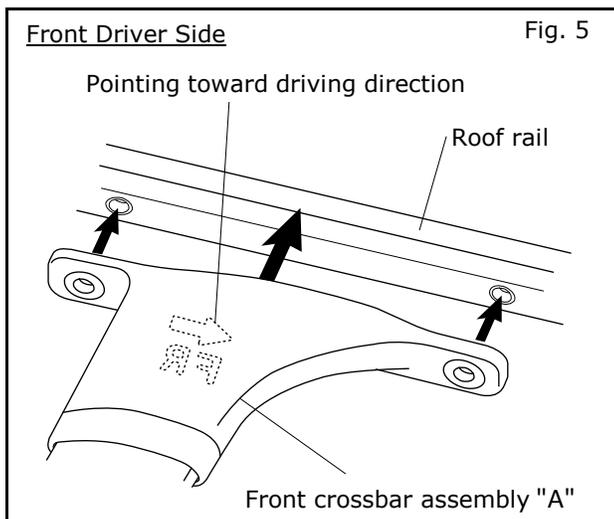
NOTE:

Crossbar "FR" stamping should always point toward front of Car.

- b) Loosen the adjustment bolts on both sides of the Front crossbar assembly "A" using the T-30 Torx wrench.

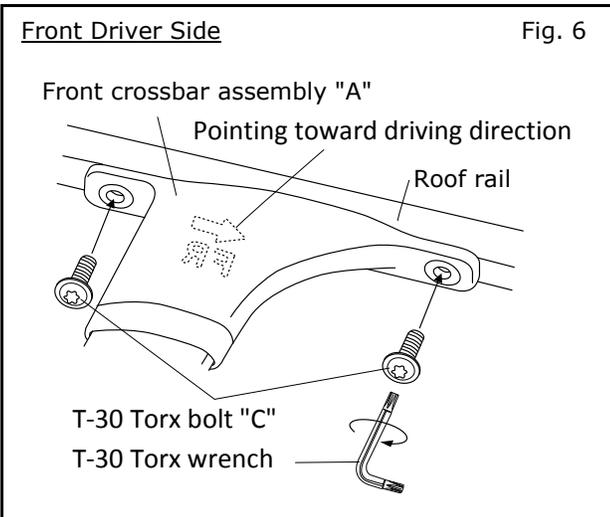
CAUTION

- Clear tape is only attached on Front crossbar assembly.
Do not remove clear tape.



- 4) Installation of Front crossbar assembly "A"
 - a) Align Front crossbar assembly "A" to the driver roof rail mounting location as shown in Fig. 5.

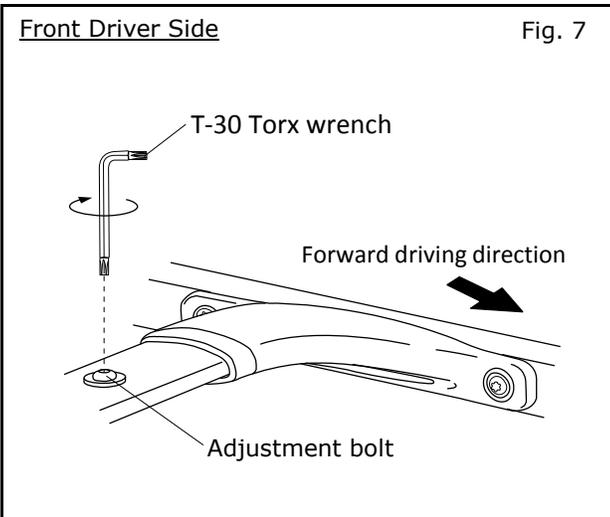
INSTALLATION PROCEDURE:



- b) While aligned, install and fasten T-30 Torx bolts "C" and Front crossbar assembly "A" to the roof rail mounting location as shown in Fig. 6.
- c) Repeat steps (a) & (b) on the right side roof rail.

NOTE:

Torque to 4.2 - 6.3 ft-lbs. (5.6-8.4 N-m).

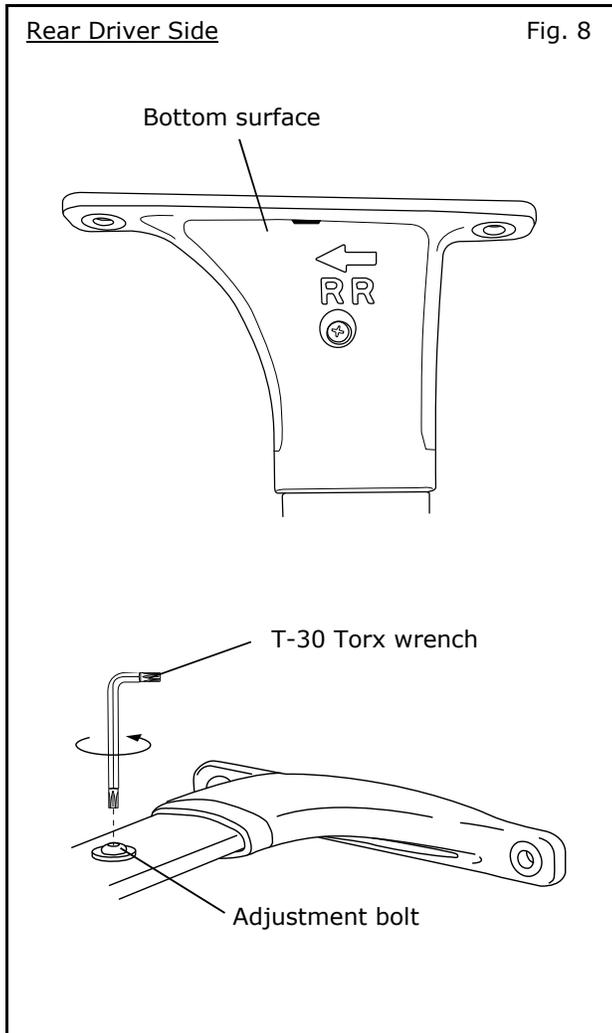


- 5) Fasten adjustment bolts on the left side of the Front crossbar assembly "A" using the T-30 Torx wrench.

NOTE:

Torque to 4.2 - 6.3 ft-lbs. (5.6-8.4 N-m).

INSTALLATION PROCEDURE:

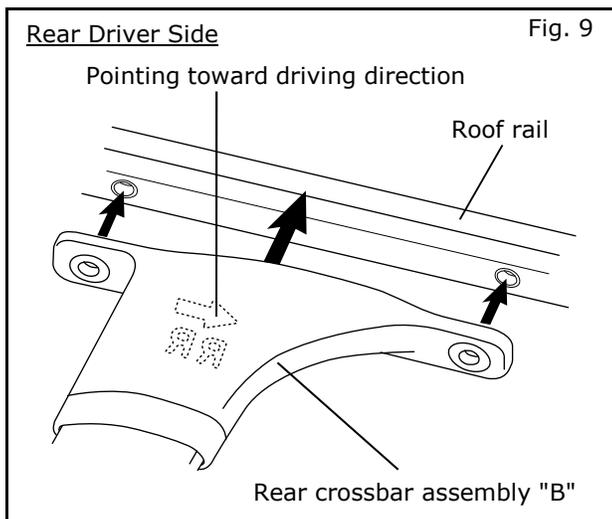


- 3) Preparation for Rear crossbar assembly "B"
 - a) Identify and obtain the Rear crossbar by using Fig. 8.

NOTE:

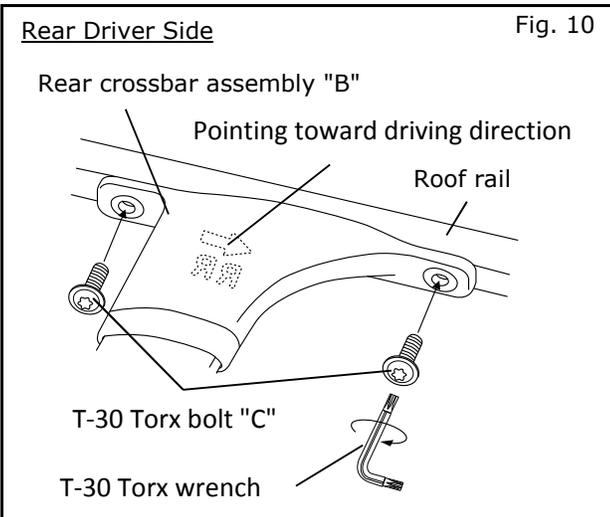
Crossbar "RR" stamping should always point toward front of Car.

- b) Loosen the adjustment bolts on both sides of the Rear crossbar assembly "B" using the T-30 Torx wrench.



- 4) Installation of Rear crossbar assembly "B"
 - a) Align Rear crossbar assembly "B" to the driver roof rail mounting location as shown in Fig. 9.

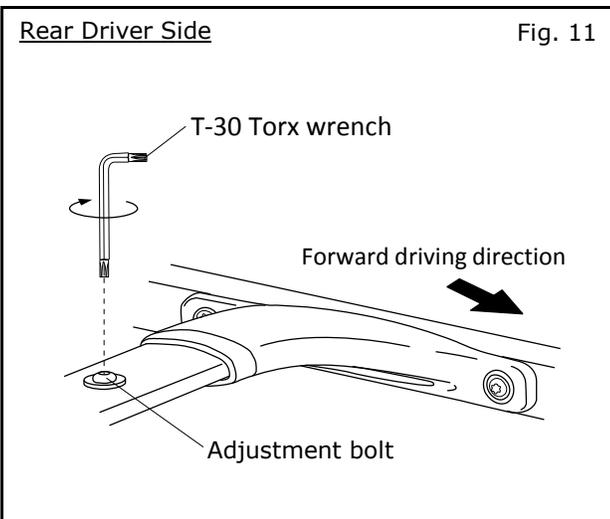
INSTALLATION PROCEDURE:



- b) While aligned, install and fasten T-30 Torx bolts "C" and Rear crossbar assembly "B" to the roof rail mounting location as shown in Fig. 10.
- c) Repeat steps (a) & (b) on the right side roof rail.

NOTE:

Torque to 4.2 - 6.3 ft-lbs. (5.6-8.4 N-m).



- 5) Fasten adjustment bolts on the left side of the Rear crossbar assembly "B" using the T-30 Torx wrench.

NOTE:

Torque to 4.2 - 6.3 ft-lbs. (5.6-8.4 N-m).

FINAL INSPECTION:

- Check the tightness of the crossbar screws after installation.
- Gently wiggle the crossbar to check for problems. Verify that there are no noises or movement when pushed and pulled.

If you notice problems in these checks, follow the installation instructions again.