



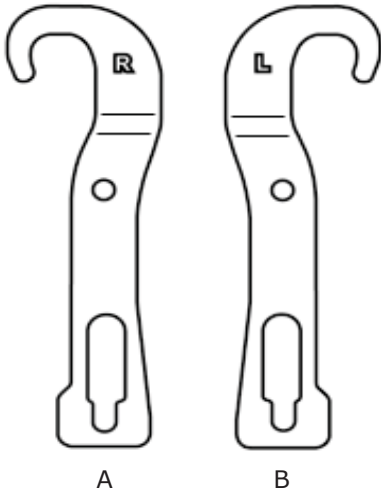
# GENUINE PARTS

## INSTALLATION INSTRUCTIONS

**DESCRIPTION:** Front Tow Hooks  
**APPLICATION:** Titan Non-XD S, SV 2WD, and SL 2WD  
**PART NUMBER:** 999T7 W700A

### KIT CONTENTS:

Item	Qty.	Part Description	Service Part Number
A	1	Tow Hook RH	51110 EZ00A
B	1	Tow Hook LH	51111 EZ00A
C	2	Hex Bolt - M12 x 64 mm	11-25 03481
D	2	Hex Bolt - M12 x 45 mm	81-B7245-2A
E	1	Installation Instruction Replacement Template	---



### TOOLS REQUIRED:

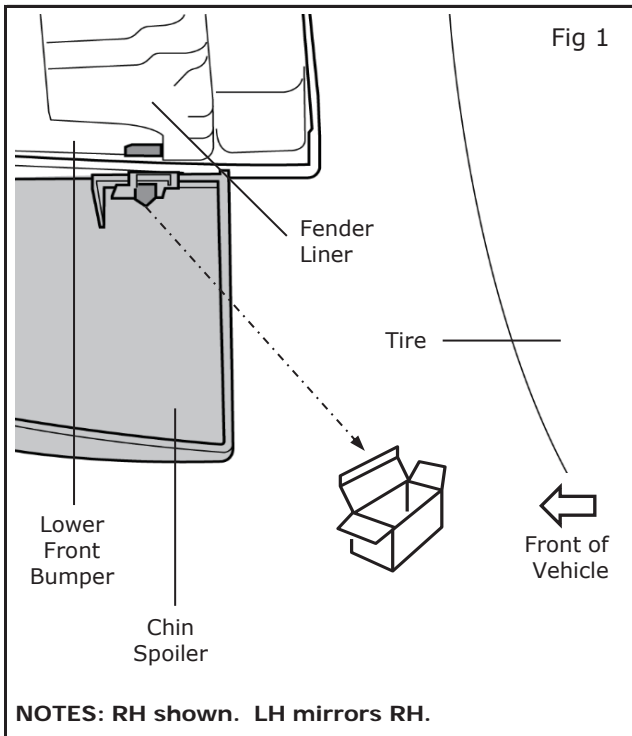
- 10 mm Socket
- 12 mm Deep Socket
- 14 mm Socket
- 17 mm Socket
- 6" Long Socket Extension
- Ratchet
- Torque Wrench
- Angle Head Torque Screwdriver
- Finger Bit Driver
- #2 Phillips-Head Screwdriver Bit
- Trim Removal Tool

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

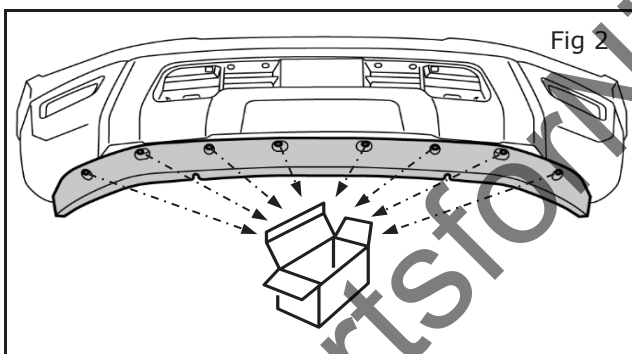
#### CAUTION

- Wear safety glasses and cut resistant mechanics gloves during entire installation process.
- 3 people required to perform installation.
- Dealer installation recommended.

## INSTALLATION PROCEDURE:



- 1) Raise vehicle up on hoist.
- 2) Remove chin spoiler.
  - a) Using 10 mm socket and ratchet, remove and save screw at each end of chin spoiler (1 RH and 1 LH). Fig 1.

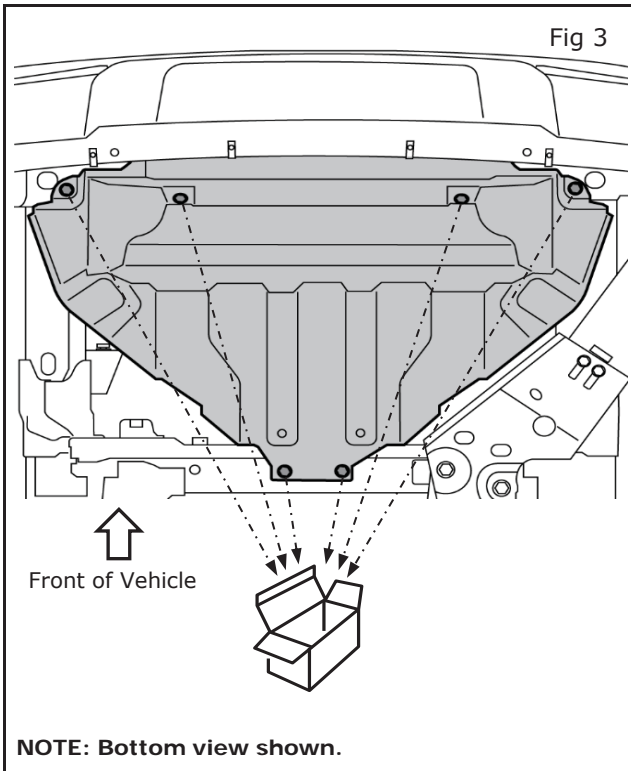


- b) Using 10 mm socket, 6" long extension, and ratchet, remove and save 8 bolts along bottom of chin spoiler. Fig 2.

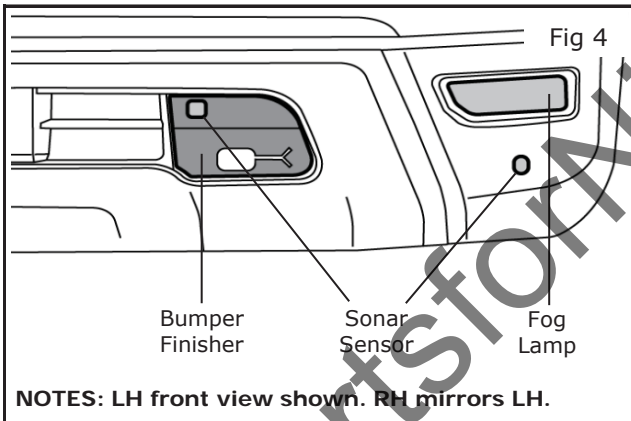
**NOTE:**

**Remove 2 centermost bolts last.**

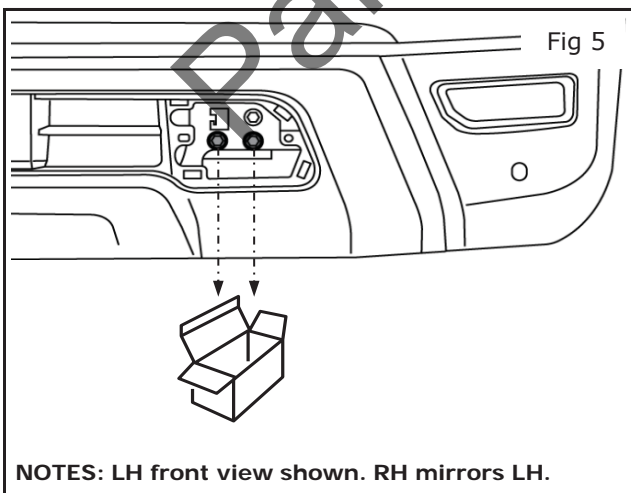
## INSTALLATION PROCEDURE:



- 3) Remove front underbody cover. Using 12 mm deep socket and ratchet, remove and save 6 bolts along bottom of front underbody cover. Fig 3.



- 4) Remove lower front bumper.
  - a) Using trim removal tool, carefully disengage 4 clips to remove each front bumper finisher (1 RH and 1 LH). Fig 4.
  - b) Disconnect 4 front sonar sensors if equipped. Fig 4.
  - c) Disconnect 2 front fog lamps if equipped. Fig 4.

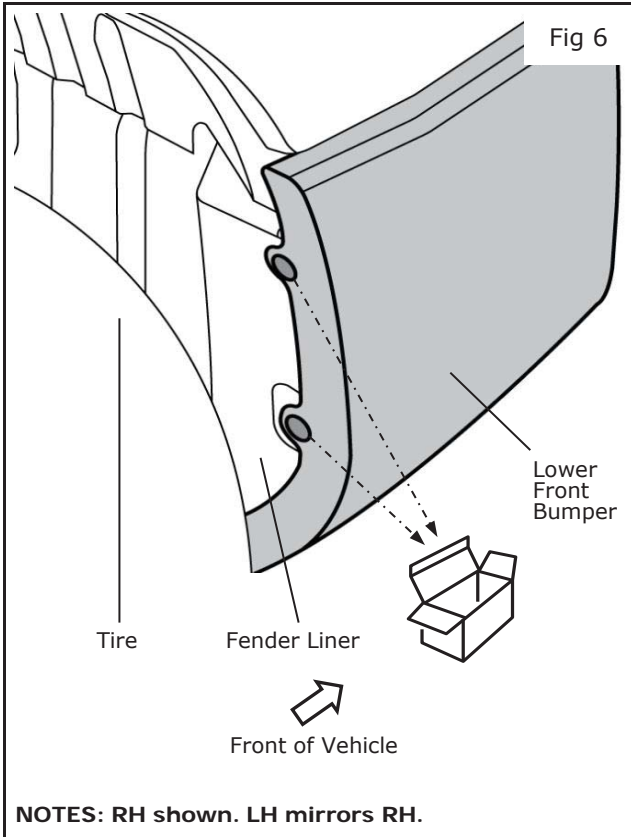


- d) Using 14mm socket, 6" long extension, and ratchet, remove and save bottom 2 front bumper bolts on each side of vehicle. Fig 5.

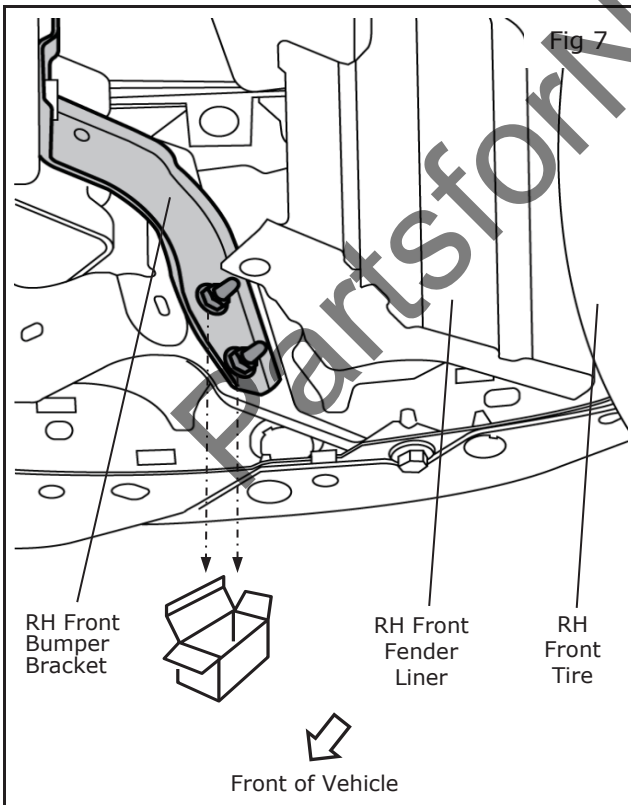
### NOTE:

Do not remove top front bumper bolts.

## INSTALLATION PROCEDURE:

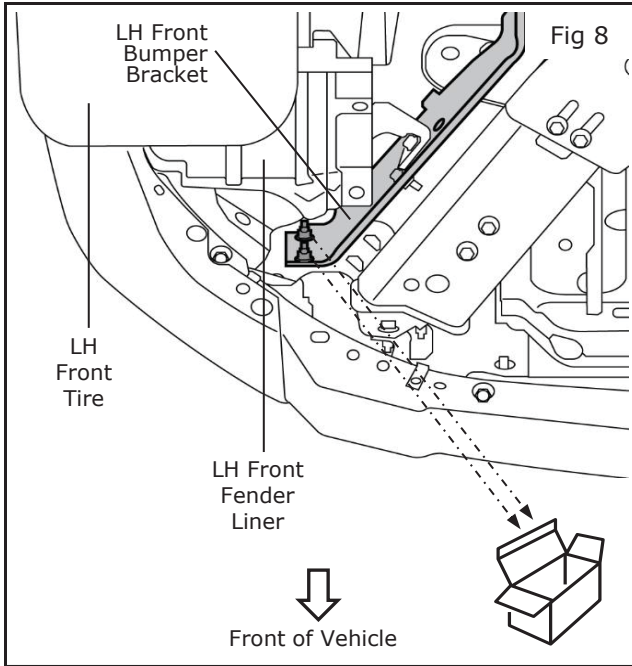


- e) Disconnect lower front bumper from front fender liners. Using finger bit driver and #2 Phillips-head screwdriver bit, remove and save 2 screws at each end of lower front bumper. Fig 6.

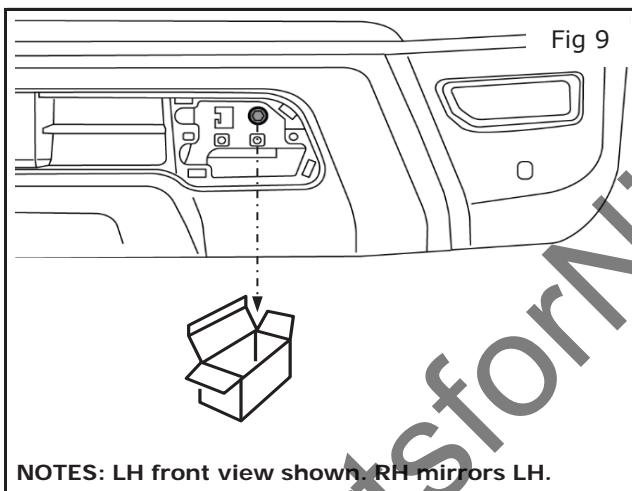


- f) Disconnect lower front bumper from RH front bumper bracket. Using 12mm deep socket and ratchet, remove and save 2 flanged hex nuts along right side of front bumper. Fig 7.

## INSTALLATION PROCEDURE:



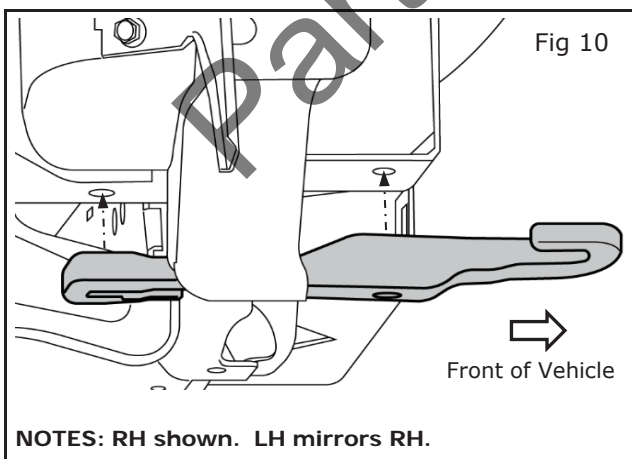
- g) Disconnect lower front bumper from LH front bumper bracket. Using 12mm deep socket and ratchet, remove and save 2 flanged hex nuts along left side of front bumper. Fig 8.



- h) While 1 person supports each end of lower front bumper, remove and save last front bumper bolt on each side of vehicle. Use 14mm socket, 6" long extension, and ratchet to remove bolts. Fig 9.

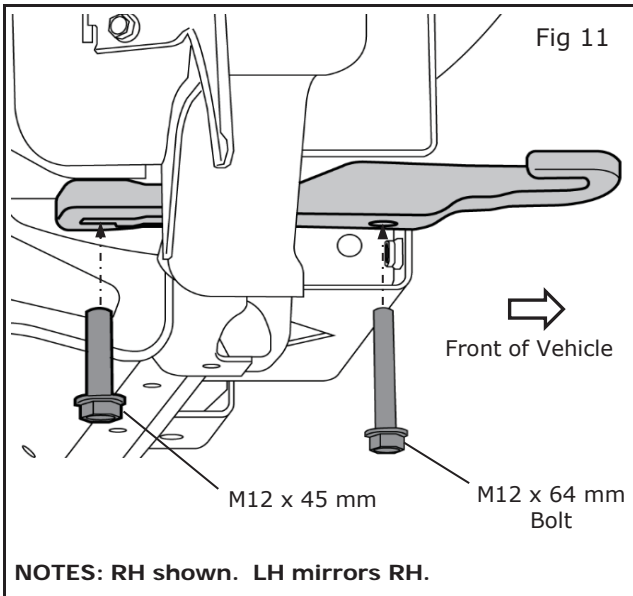
**NOTE:**

**3 people required to perform this step.**

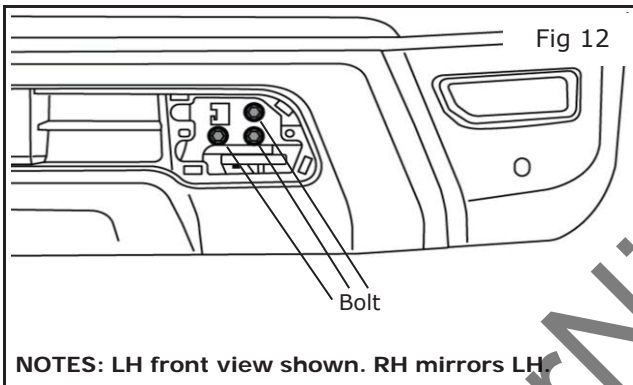


- 5) Install tow hooks.  
a) Align each tow hook to its mounting points on frame. Fig 10.

## INSTALLATION PROCEDURE:



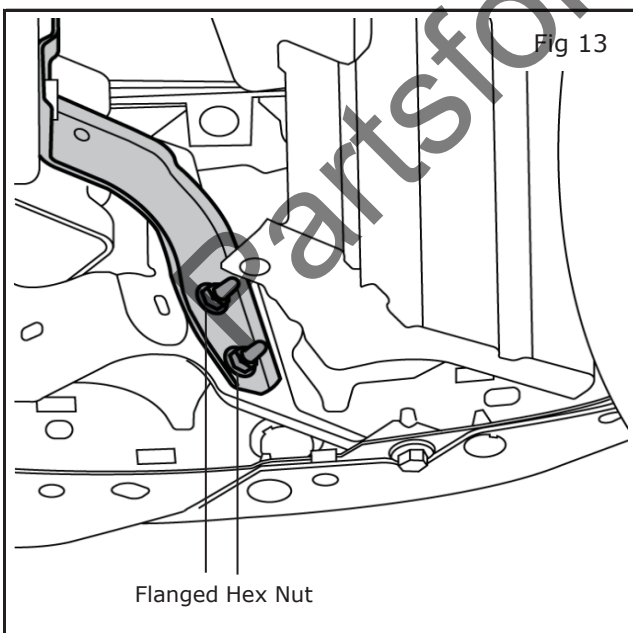
- b) Hand tighten 2 bolts to mount each tow hook. Fig 11.
- c) Using 17 mm socket, 6" long extension, and torque wrench, tighten each bolt to 110-150 N·m (81.1-110.6 lbf-ft). Fig 11.



- 6) Reinstall lower front bumper.
  - a) While 1 person supports each end of lower front bumper, align it to frame; then, hand tighten 3 front bumper bolts on each side of vehicle. Fig 12.

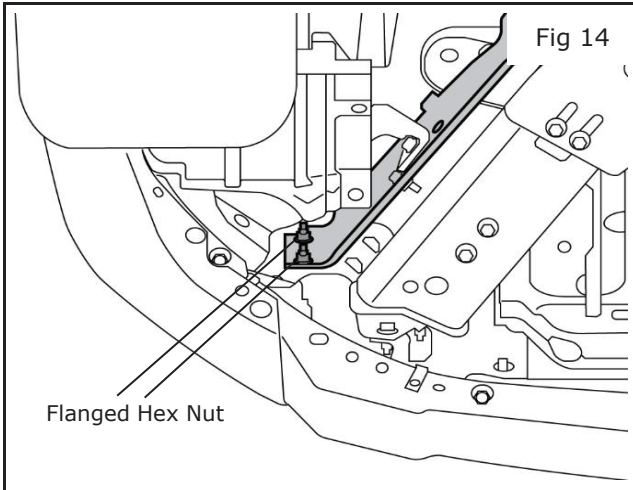
**NOTE:**

**3 people required to perform this step.**

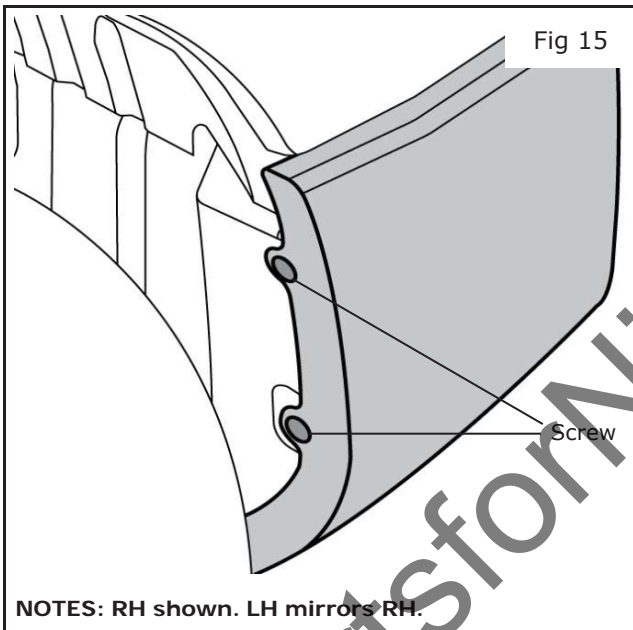


- b) Align lower front bumper to RH front bumper bracket; then, loosely hand tighten 2 flanged hex nuts to join them together. Fig 13.

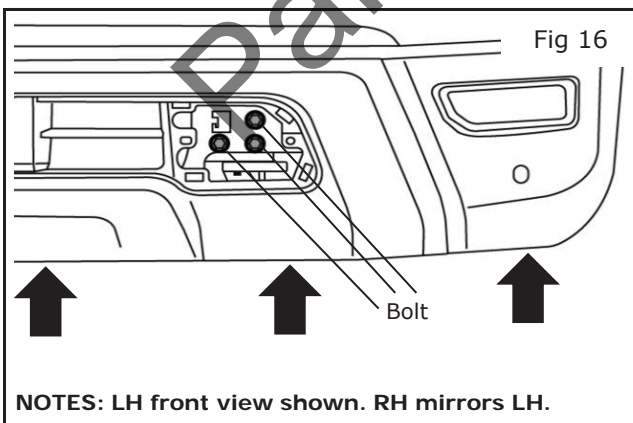
**INSTALLATION PROCEDURE:**



- c) Align lower front bumper to LH front bumper bracket; then, loosely hand tighten 2 flanged hex nuts to join them together. Fig 14.

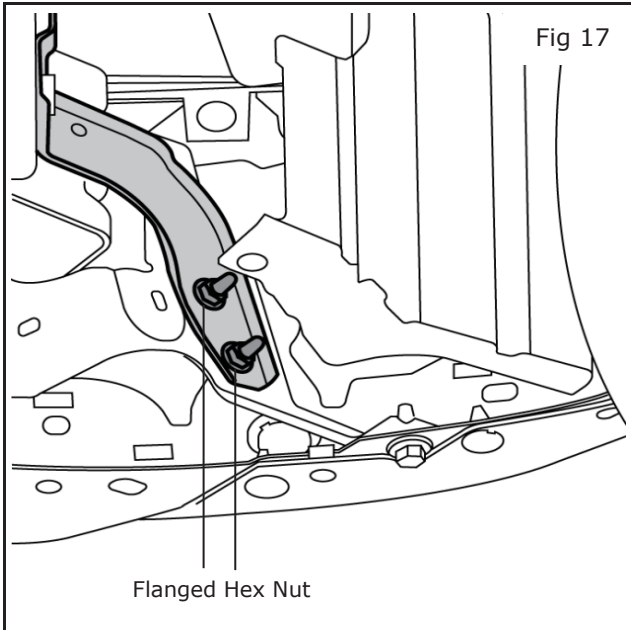


- d) Align RH front fender liner to lower front bumper; then, loosely hand tighten 2 screws to join them together. Repeat on LH side of vehicle. Fig 15.

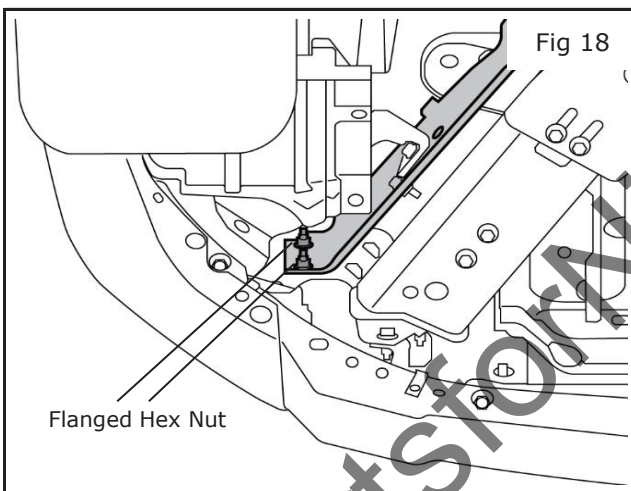


- e) While lifting lower front bumper, tighten 3 front bumper bolts on each side of vehicle to 38-52 N·m (28-38.3 lbf-ft). Use 14 mm socket, 6" long extension, and torque wrench. Fig 16.

## INSTALLATION PROCEDURE:

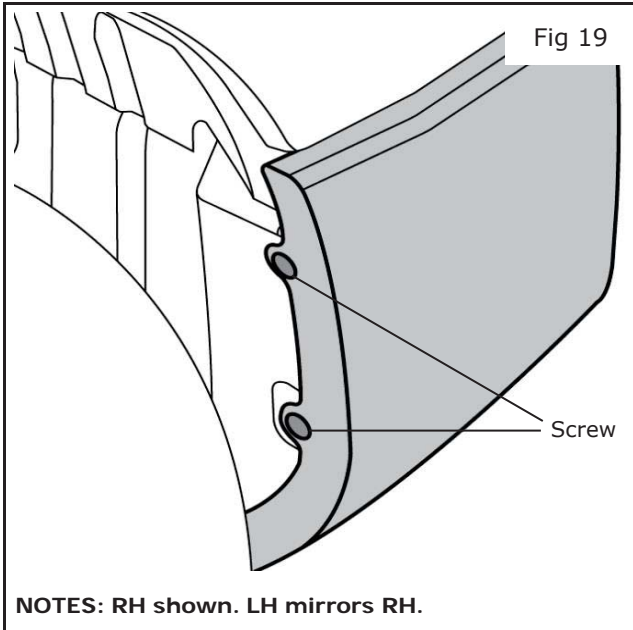


- f) While lifting lower front bumper, tighten 2 flanged hex nuts to 20-28 N·m (14.8-20.6 lbf-ft) to fasten lower front bumper to RH front bumper bracket. Use 12 mm deep socket and torque wrench. Fig 17.

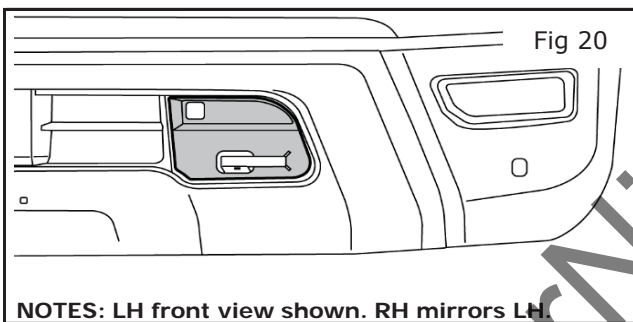


- g) While lifting lower front bumper, tighten 2 flanged hex nuts to 20-28 N·m (14.8-20.6 lbf-ft) to fasten lower front bumper to LH front bumper bracket. Use 12 mm deep socket and torque wrench. Fig 18.

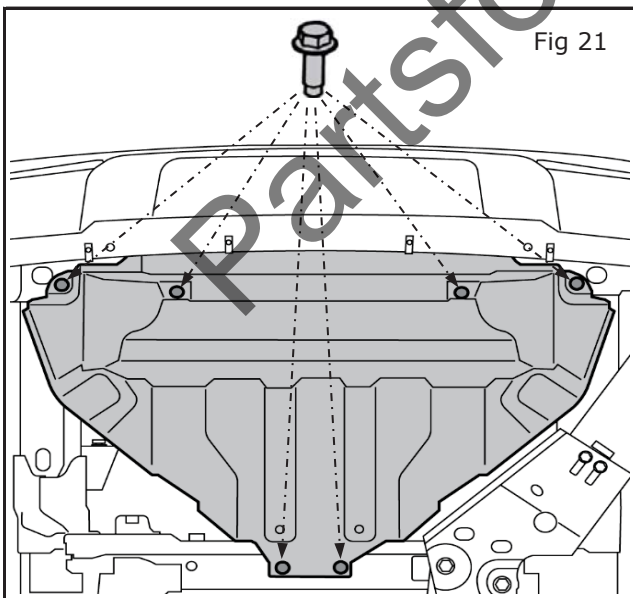
## INSTALLATION PROCEDURE:



- h) Using angle head torque screwdriver and #2 Phillips-head screwdriver bit, tighten 2 screws at each end of lower front bumper to 4 N·m (2.9 lbf-ft). Fig 19.

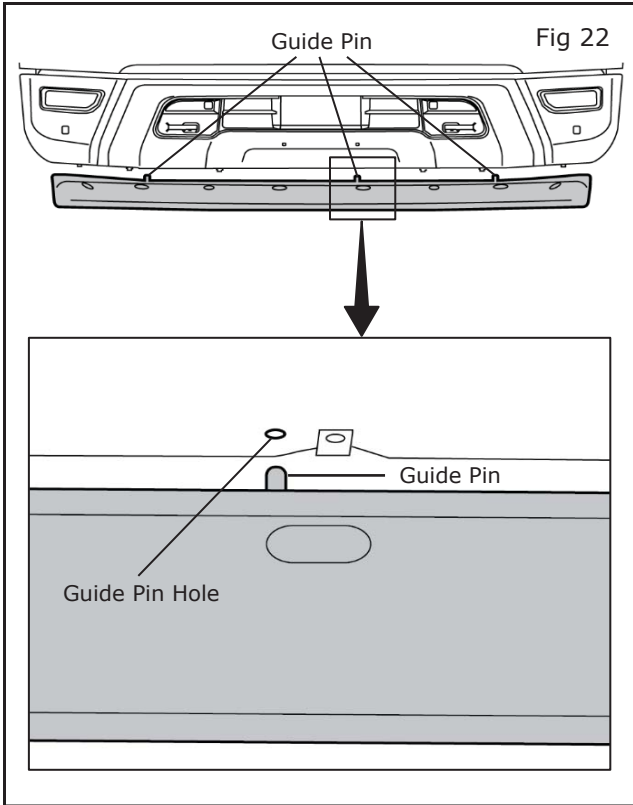


- 7) Engage 4 clips to reinstall each front bumper finishers (1 RH and 1 LH). Fig 20.

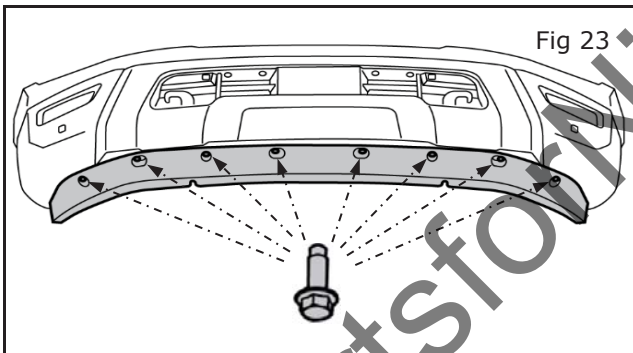


- 8) Reinstall front underbody cover.
- a) Align front underbody cover to its mounting points on frame. Fig 21.
  - b) Hand tighten 6 bolts along bottom of front underbody cover. Fig 21.
  - c) Using 12 mm deep socket and torque wrench, tighten each bolt to 11-16 N·m (8.2-11.8 lbf-ft). Fig 21.

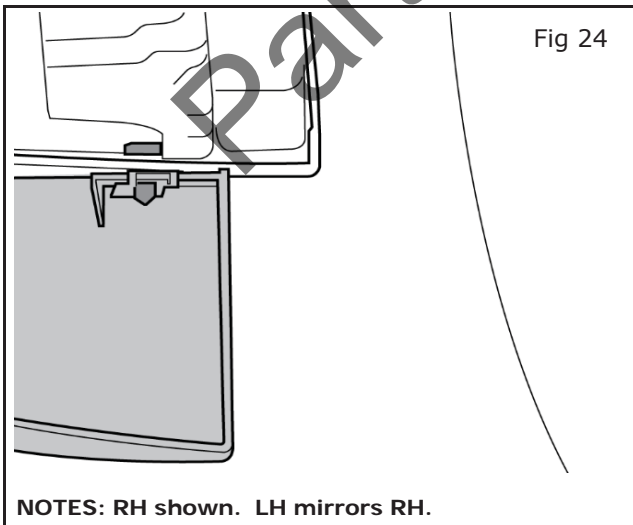
**INSTALLATION PROCEDURE:**



- 9) Reinstall chin spoiler.
- a) Insert 3 guide pins along top of chin spoiler into their corresponding guide pin holes along bottom of lower front bumper. Fig 22.



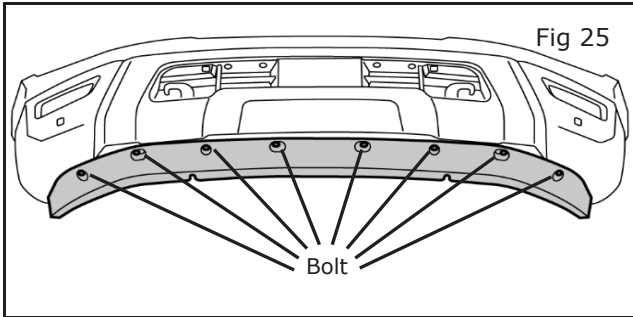
- b) Starting with 2 centermost bolts, hand tighten 8 bolts along bottom of chin spoiler. Fig 23.



- c) Hand tighten screw at each end of chin spoiler (1 RH and 1 LH). Fig 24.
- d) Using 10mm socket and torque wrench, tighten each screw to 4.4-6.6 N·m (3.2-4.8 lbf-ft). Fig 24.

**NOTES: RH shown. LH mirrors RH.**

**INSTALLATION PROCEDURE:**



- e) Starting with 2 centermost bolts, tighten each bolt along bottom of chin spoiler to 4.4-6.6 N·m (3.2-4.8 lbf-ft). Use 10mm socket and torque wrench. Fig 25.

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