## 15398

# **TOYOTA TUNDRA**

GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 16,000 LBS. TRAILER WEIGHT & 2,400 LBS. TONGUE WEIGHT. GROSS LOAD CAPACITY WHEN USED AS A WEIGHT DISTRIBUTION HITCH: 17,000 LBS. TRAILER WEIGHT & 2,400 LBS. TONGUE WEIGHT \*\*\*DO NOT EXCEED VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY.\*\*\*

#### Parts List CONICAL TOOTHED WASHER ITEM QTY PART NUMBER DESCRIPTION WELDNUT CLEANING **ORIENTATION DIAGRAM** CONICAL TOOTHED WASHER 1 4 1/2 To remove debris from weldnuts 2 1/2-13 x 1 1/2, GR8 CARRIAGE BOLT 4 in frame, spray lubricant or 3 8 9/16" CONICAL WASHER CONICAL TOOTHED WASHER compressed air into hole. For heavy debris, use a small wire brush. HEX BOLT 8 4 4 9/16-12 x 1 1/2 VEHICLE FRAME HITCH SIDE (Be careful not to damage threads) 5 4 9\_16-12, GR8 HEX FLANGE NUT PLATE 0 6 4 HFN 1213, GR8 HEX FLANGE NUT CONICAL TOOTHED 1 HEX BOLT WASHER TOOLS REQUIRED **EXISTING M14 BOLTS** REMOVED FROM ANGLE RATCHET BRACKETS (2 PER SIDE) TORQUE WRENCH ø 10" EXTENSION FROM 3/4" SOCKET PASSENGER SIDE 13/16" SOCKET FRAME RAIL 17mm SOCKET 19mm SOCKET EXISTING WELNUTS 7/8" WRENCH EXISTING WELNUTS (BOTH SIDES) (BOTH SIDES) EXISTING ANGLE PASSENGER BRACKETS SIDE PLATE DRIVER SIDE FRAME RAIL DRIVER SIDE PLATE **EXISTING M12 FASTENERS** 6 (2 PER SIDE) ത് REPLACE EXISTING M14 BOLTS WITH 9/16" HEX BOLTS (2 PER SIDE) HITCH WEIGHT: 87 LBS **INSTALL TIME** PROFESSIONAL: 30 MINUTES G NOVICE (DIY): 60 MINUTES INSTALL NOTES: (5) - NO DBILLING REQUIRED

### **INSTALLATION STEPS**

- 1. Remove the (8) bolts securing the existing angle brackets between the truck frame rails. Return the angle brackets to the vehicle owner. Save the bolts as they will be used to secure hitch in Steps 3 and 5.
- 2. Raise the hitch into position and loosely secure it to the vehicles frame using the supplied 9/16" hardware as shown.
- 3. Re-install (4) M12-1.25 bolts (removed in Step 1) with conical toothed washers through the hitch and into the weld nuts in the frame as shown.
- 4. Raise provided side plates into position using 1/2" hardware as shown.
- 5. Secure side plates to the side of the frame rails using (4) M14-1.50 bolts (removed in Step 1) and 9/16" conical toothed washers as shown.
- Torque M12 hardware to 86 ft-lbs. Torque M14 hardware to 136 ft-lbs. Torque 9/16" hardware to 150 ft-lbs. Torque 1/2" hardware to 110 ft-lbs.

### PERIODICALLY CHECK THIS RECEIVER HITCH TO ENSURE THAT ALL FASTENERS ARE TIGHT AND THAT ALL STRUCTURAL COMPONENTS ARE SOUND.

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Learn more about trailer hitches and towing we have.