GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 20,000 LBS. TRAILER WEIGHT \& 2,700 LBS. TONGUE WEIGHT. GROSS LOAD CAPACITY WHEN USED AS A WEIGHT DISTRIBUTION HITCH: $\mathbf{2 0 , 0 0 0}$ LBS. TRAILER WEIGHT \& 2,700 LBS. TONGUE WEIGHT
***DO NOT EXCEED VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY.***

| Parts List |  |  |  |
| :---: | :---: | :--- | :--- |
| ITEM | QTY | PART NUMBER | DESCRIPTION |
| 1 | 4 | $1 / 2-13 \times 11 / 4$, GR8 | CARRIAGE BOLT |
| 2 | 4 | HFN 1213, GR8 | HEX FLANGE NUT |
| 3 | 2 | CM-SP71 | $.250 \times 1.50 \times 2.00 " 9 / 16 "$ SQUARE HOLE SPACER |
| 4 | 2 | M14-2 $\times 45$ HEX | HEX BOLT |
| 5 | 2 | $9 / 16 "$ CONICAL WASHER | CONICAL TOOTHED WASHER |
| 6 | 2 | $9 / 16-12 \times 13 / 4$, GR8 | CARRIAGE BOLT |
| 7 | 2 | $9 \_16-12$, GR8 | HEX FLANGE NUT |
| 8 | 2 | $15860-$ ST | .250 STRAP PLATE |



## ***DO NOT EXCEED VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY.***



| TOOLS REQUIRED |
| :---: |
| RATCHET |
| TORQUE WRENCH |
| $10^{\prime \prime}$ EXTENSION |
| 21 mm SOCKET |
| $3 / 4^{\prime \prime}$ SOCKET |
| 13 mm SOCKET |
| $17 / 32^{\prime \prime}$ DRILL BIT |
| DRILL |

## INSTALLATION STEPS

## LONG BED INSTALLATION

1. Lower spare tire for ease of installation.
2. If present, remove existing 14 mm fasteners from the end of each frame rail and return to vehicle owner.
3. Remove the lower 14 mm bumper bracket bolt from the side of each frame rail and retain for reinstallation.
4. Raise hitch into position and secure to the rear-most weldnut in the frame rail using $\mathrm{M} 14-2 \times 45$ hex bolts and 9/16" conical toothed washers.
5. Install $1 / 2$ "-13 x $13 / 4$ " carriage bolts and CM-SP1 spacers through existing holes, as shown. Secure hitch to carriage bolts using 1/2" flange nuts.
6. Attach the $15460-$ ST straps to the side plates using $1 / 2$ "- $13 \times 11 / 4$ " carriage bolts and $1 / 2$ "- 13 flange nuts. Secure the straps to the outside of the frame rails using the 14 mm bolt removed in Step (3).
7. Torque all 14 mm fasteners to $126 \mathrm{ft}-\mathrm{lbs}$, all $9 / 16$ " fasteners to $150 \mathrm{ft}-\mathrm{lbs}$, and all $1 / 2 \mathrm{l}$ fasteners to 110 ft -lbs.
8. Reinstall spare tire.

## SHORT BED INSTALLATION

1. Lower spare tire for ease of installation.
2. If present, remove existing 14 mm fasteners from the end of each frame rail and return to vehicle owner.
3. Remove the lower 14 mm bumper bracket bolt from the side of each frame rail and retain for reinstallation.
4. Remove passenger side spare tire heat shield by removing (2) 7mm fasteners. Retain heat shield and fasteners for reinstallation.
5. Raise hitch into position and secure to the rear-most weldnut in the frame rail using M14-2 $\times 45$ hex bolts and 9/16" conical toothed washers.
6. Using hitch as a template, drill the forward-most hole for $1 / 2^{\prime \prime}$ fasteners on the driver and passenger side frame rails. NOTE: If needed mark the drill holes and remove hitch prior to drilling.
7. Install 1/2"-13 x $13 / 4$ " carriage bolts and CM-SP1 spacers through drilled holes, as shown. Secure hitch to carriage bolts using $1 / 2$ " flange nuts.
8. Reinstall spare tire heat shield and fasteners removed in Step (4). The passenger hitch side plate will be sandwiched between the heat shield and frame rail.
9. Attach the $15460-$ ST straps to the side plates using $1 / 2$ "-13 $\times 11 / 4$ " carriage bolts and $1 / 2$ " -13 flange nuts. Secure the straps to the outside of the frame rails using the 14 mm bolt removed in Step (3).
10. Torque all 14 mm fasteners to 126 ft -lbs, $9 / 16$ " fasteners to $150 \mathrm{ft}-\mathrm{lbs}$, all $1 / 2^{\prime \prime}$ fasteners to 110 ft -lbs, and all 7 mm fastener to 16 ft -lbs.
11. Reinstall spare tire.

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

