



GENUINE PARTS



INSTALLATION INSTRUCTIONS

DESCRIPTION: Weight Distributing Hitch Ball Mount Class IV

APPLICATION: See dealer application charts

PART NUMBER: 999T7 WQ820

TOOLS REQUIRED:

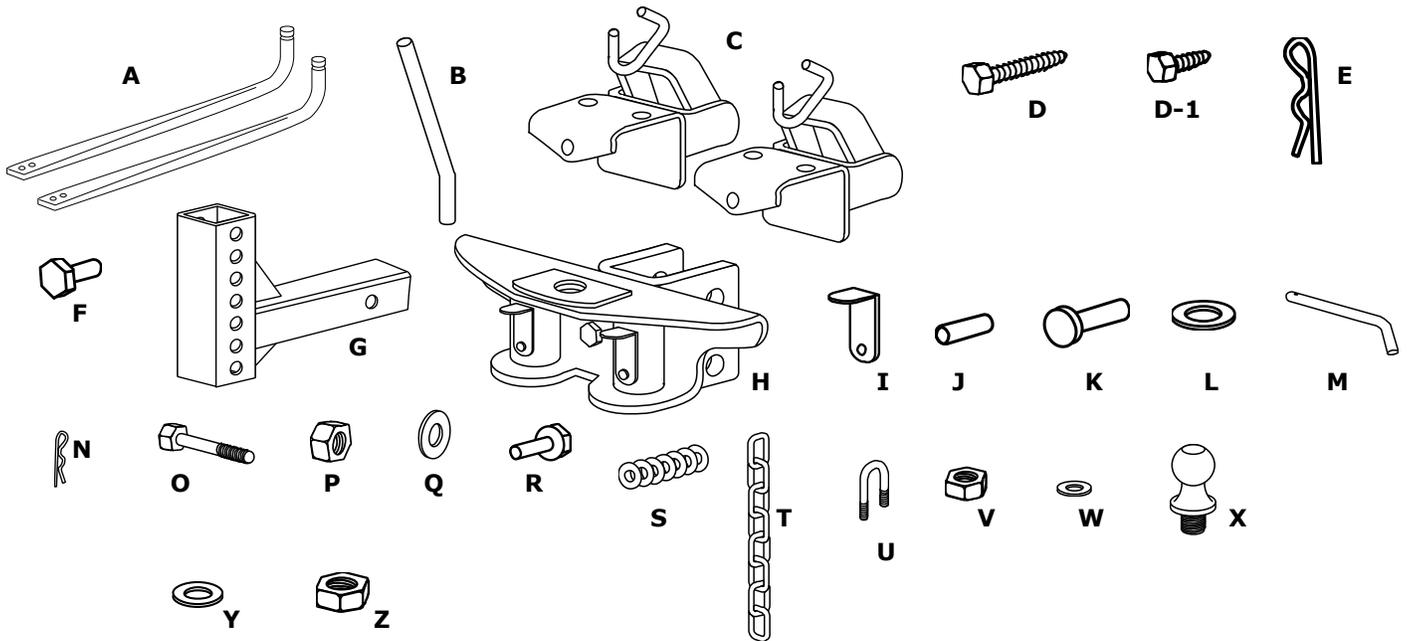
- 14 mm Wrench or Ratchet & Socket
- 19 mm Wrench or Ratchet & Socket
- 23 mm Wrench or Ratched & Socket
- 27 mm Wrench
- 1.75" Wrench
- Torque Wrench

NOTE:

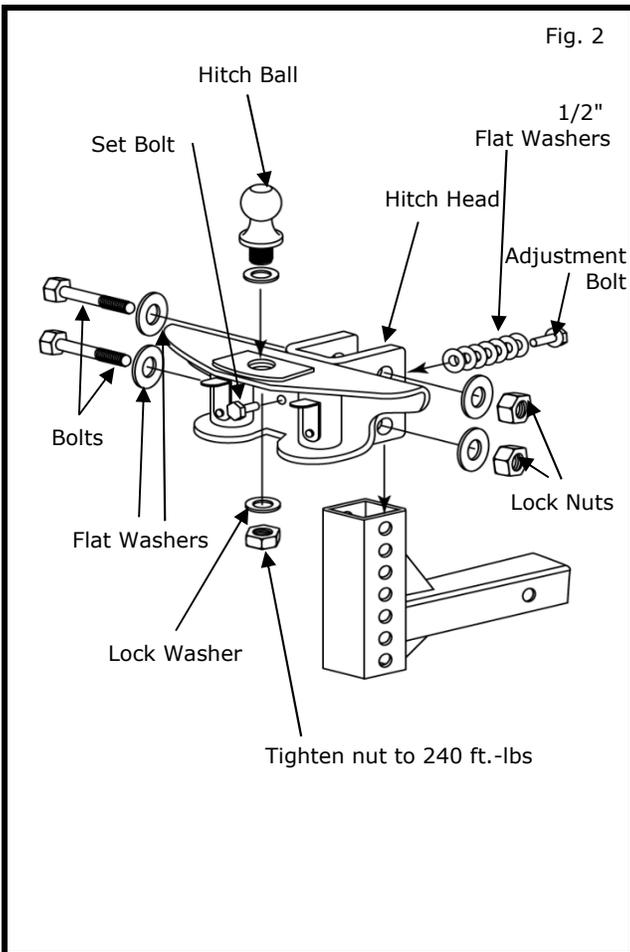
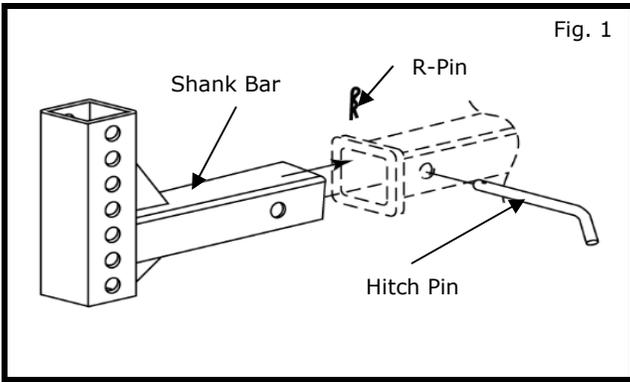
Kit contents on Page 2.

KIT CONTENTS:

Item	Qty.	Part Description	Service Part Number
A	2	Spring Round Bar	
B	1	Pipe Handle	
C	2	Snap Up Brackets	
D	2	1/2" x 4" Bolt	
D-1	2	1/2" x 2" Bolt	
E	2	Angle R-Pin	
F	1	5/8" x1 1/2" GR 5 Set Bolt	
G	1	Shank Bar	
H	1	Hitch Head	
I	1	Spring Clip	
J	2	Set Key	
K	2	Drive Rivet	
L	1	1 1/4" to 1" Bushing	
M	1	5/8" Hitch Pin	
N	1	R Pin	
O	2	3/4" x 5" GR 5 Bolt	
P	2	3/4" Locknut	
Q	4	3/4" Flatwasher	
R	1	Adjustment Bolt	
S	7	1/2" Flatwashers	
T	2	Lift Chain	
U	2	3/8" U-Bolts	
V	4	3/8" Nuts	
W	4	3/8" Lockwashers	
X	1	2 5/16" Hitch Ball	
Y	1	Lockwasher	
Z	1	Nut	



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



- 1) Put Shank Bar in hitch of vehicle. Line up hole of receiver tube of hitch with hole in Shank Bar.

NOTE: Remove hitch bumper cover if applicable. See owners manual

- 2) Insert 5/8" Hitch Pin through Shank Bar and insert R-Pin through hole of Hitch Pin.

- 3) To assemble Hitch Head to Shank Bar, adjust placement of Hitch Head up or down based on trailer height. Insert 3/4"x5" Bolts, 2 Flat Washers one on each side of Hitch Head and 2 Lock-nuts. This will hold Hitch Head on Shank Bar.

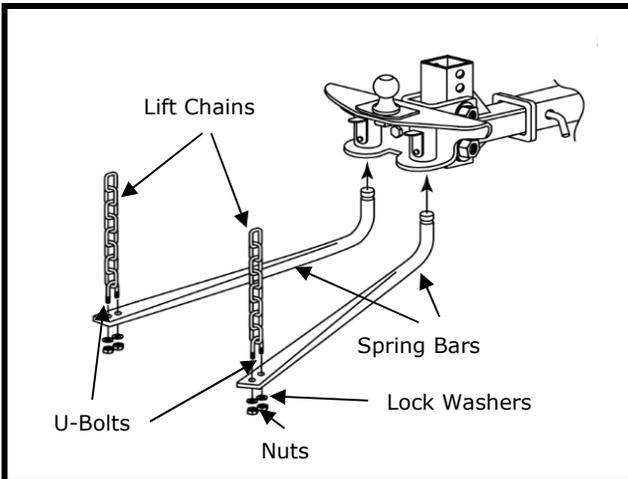
- 4) To assemble Hitch Ball to Hitch Head, position Lockwasher between Hitch Head and Nut. Tighten Nut with torque wrench to 240 ft.-lbs.

⚠ WARNING

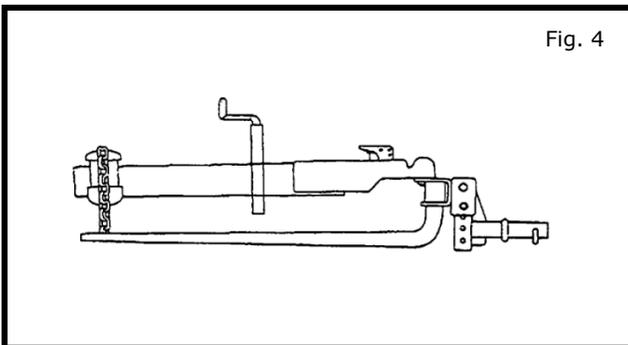
Diameter of hole into which ballshank is installed must not exceed diameter of ball shank by more than 1/16". Threaded shank must protrude beyond bottom of nut when tightened. Failure to tighten as specified can result in ball failure or loss of attachment. Never tow more weight than the rating of the ball or weight distribution hitch, whichever is lower. See vehicle owners manual for towing capacity.

- 5) Use 5/8"x1 1/2" GR 5 Set Bolts, 1/2" Flatwashers and Adjustment Bolt to level Hitch Head. Hitch Ball should tilt back, away from vehicle (when fully in-stalled with Bars, Hitch Ball should be level).

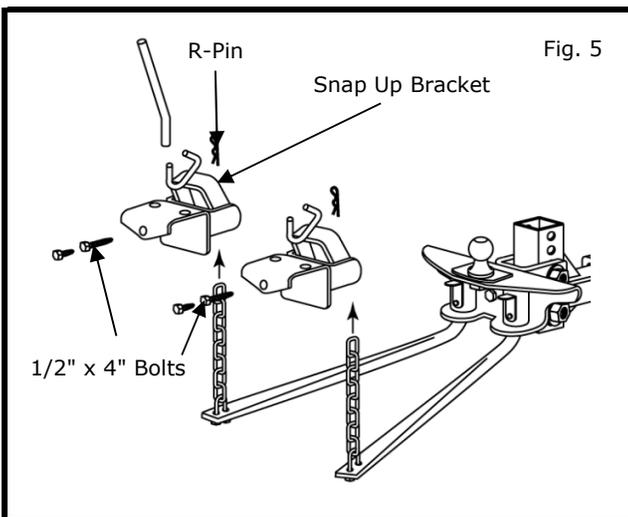
PRE-INSTALLATION WARNINGS, CAUTIONS, CRITICAL STEPS, and NOTES:



- 6) Assembly of Spring Bars:
- a) Attach Lift Chains to Spring Bars using 3/8" U-Bolts, 3/8" Nuts and 3/8" Lockwashers.
 - b) Use Grease to lube groove and top of Spring Bars. Insert Spring Bars into bottom of Hitch Head. A snap will be heard when groove of Spring Bar and Set Key set together.



- 7) Assembly of Snap Up Brackets (Use with A-Frame Only):
- a) Install coupler of trailer on Hitch Ball using jack. Do not put full weight on hitch yet.



- b) On both sides, position Snap Up Brackets so Lift Chain on Spring Bars are straight up (vertical). Fasten Snap Up Brackets to trailer with 1/2"x4" Bolts.
- c) Insert Lift Chains onto Chain Hooks on Snap Up Brackets. Spring Bars should be level when Snap Up Brackets are raised and locked with Angle R-Pins.
- d) Adjust Spring Bar angles up or down with links of Lift Chains, Lift Chains must not be twisted. Use same amount of links on both sides.
- e) Let jack down on trailer to give full weight on Hitch.

INSTALLATION PROCEDURE: VEHICLE PARTS REMOVAL

8) ADJUSTING HITCH

- a) Hitch will settle. Make sure the SpringBars(A) and Hitch Head(H) are level and parallel to flat ground.
- b) Hitch can be adjusted by adding or sub-tracting washers from AdjustmentBolt (R).
- c) Spring Bars can be adjusted by lowering or raising the number of chain links used in the hook on Snap Up Bracket. Use the same amount of links on both sides.
- d) Use Pipe Handle(#2) to rotate hook in upright and locked position.

 WARNING

You must use Angle R-Pin(#5)to hold Snap Up Brackets in place. Somebending may be required on clip.

9) TIGHTEN ALL BOLTS

- a) With Spring Bars tight and hooked up.
- b) 1/2"x4" Bolt(#4) tighten plus 1/4 turn.
- c) 5/8"x1 1/2" GR 5 Set Bolt(#6) tighten to50 ft.-lbs.
- d) 3/4"x5" GR 5 Bolt(#15) tighten to 250 ft.-lbs.

10) Check before towing:

- a) Hitch Ball and Nut.
- b) Coupler locked.
- c) All fasteners.
- d) 5/8" Hitch Pin and R Pin to receiver.
- e) Snap Up Brackets and Angle R-Pins.

11) Maintenance of Hitch:

- a) Lube all moving parts daily.
- b) Grease Spring Bars daily.
- c) Check for wear and replace if worn daily.
- d) Check all bolts for tightness and re-torque daily, if needed.

NOTE: REFER TO OWNER'S MANUAL FOR TOWING CAPACITY.

MANUFACTURER WARRANTS TO ORIGINAL RETAIL PURCHASER ITS PRODUCTS TO BE FREE FROM DEFECTS IN WORKMANSHIP AND MATERIALS FOR SO LONG AS PRODUCT IS OWNED BY ORIGINAL PURCHASER. NORMAL WEAR AND TEAR, ABUSE AND MISUSE EXCEPTED.

See dealer application charts