

INSTALLATION INSTRUCTIONS**MODEL NO.****82270****APPLICATION:**

1999-04 Chevy/GMC Silverado/Sierra P/U (inc. HD model)
 1988-99 Chevy/GMC C/K P/U long & short bed (exc. Crew Cab)
 1972-02 Dodge Ram Full Size P/U 2500 & 3500
 1972-01 Dodge Ram Full Size P/U 1500
 1974-85 Dodge Ramcharger (exc. with skid plate)
 1997-03 Ford F150/F250 P/U (light duty)
 1999-04 Ford F250/F350 Super Duty
 1997-98 Ford F250HD & F350HD P/U
 1973-96 Ford Full Size P/U
 1978-96 Ford Bronco
 1974-83 Plymouth Trail Duster (exc. with skid plate)
 2000-04 Toyota Tundra P/U

WARNING: Although this hitch is designed to safely tow its rated load, we recommend that you consult your vehicle owners manual for possible manufacturers recommendations or limitations. Always follow the manufactures installation instructions and always install on the specified vehicle. Before installing hitch, check that the attachment points are in good condition. Failure to follow these guide lines will void warranty. Any modifications to this hitch will void warranty.

WEIGHT CARRYING HITCH CAPACITY
 5000 LBS. MAXIMUM TRAILER WEIGHT
 500 LBS. MAXIMUM TONGUE WEIGHT

WEIGHT DISTRIBUTING HITCH CAPACITY
 10,000 LBS. MAXIMUM TRAILER WEIGHT
 1,000 LBS. MAXIMUM TONGUE WEIGHT
 Trailer brakes are recommended for towing loads in excess of 1500 lbs.

PARTS INCLUDE:

1. Receiver Assembly (1)	10. 2536-02 12mm x 1.75 Hex Nut (2)
2. 1149-06 Left Frame Bracket (1)	11. 1880-03 1/2 Lockwasher (2)
3. 1150-02 Right Frame Bracket (1)	12. 3119-03 1/2 HD Flatwasher (2)
4. 1155-02 3/8 Spacer Plate (8)	13. 3973-06 12mm x 1.75 x 55mm CL 10.9 (2)
5. 3426-02 1/4 Spacer Plate (4)	14. 1980-05 9/16-12 Hex Nut (2)
6. 1950-02 3/8 Flange Lock Nut (9)	15. 3701-05 9/16 Lockwasher (2)
7.	16. 1092-03 9/16 HD Flatwasher (2)
8. 2048-01 3/8-16 x 1 Hex Bolt GR5 (8)	17. 1143-03 9/16-12 x 2-1/2 Hex Bolt GR5 (2)
9. 4046-03 3/8-16 x 1-1/4 Hex Bolt GR5 (1)	

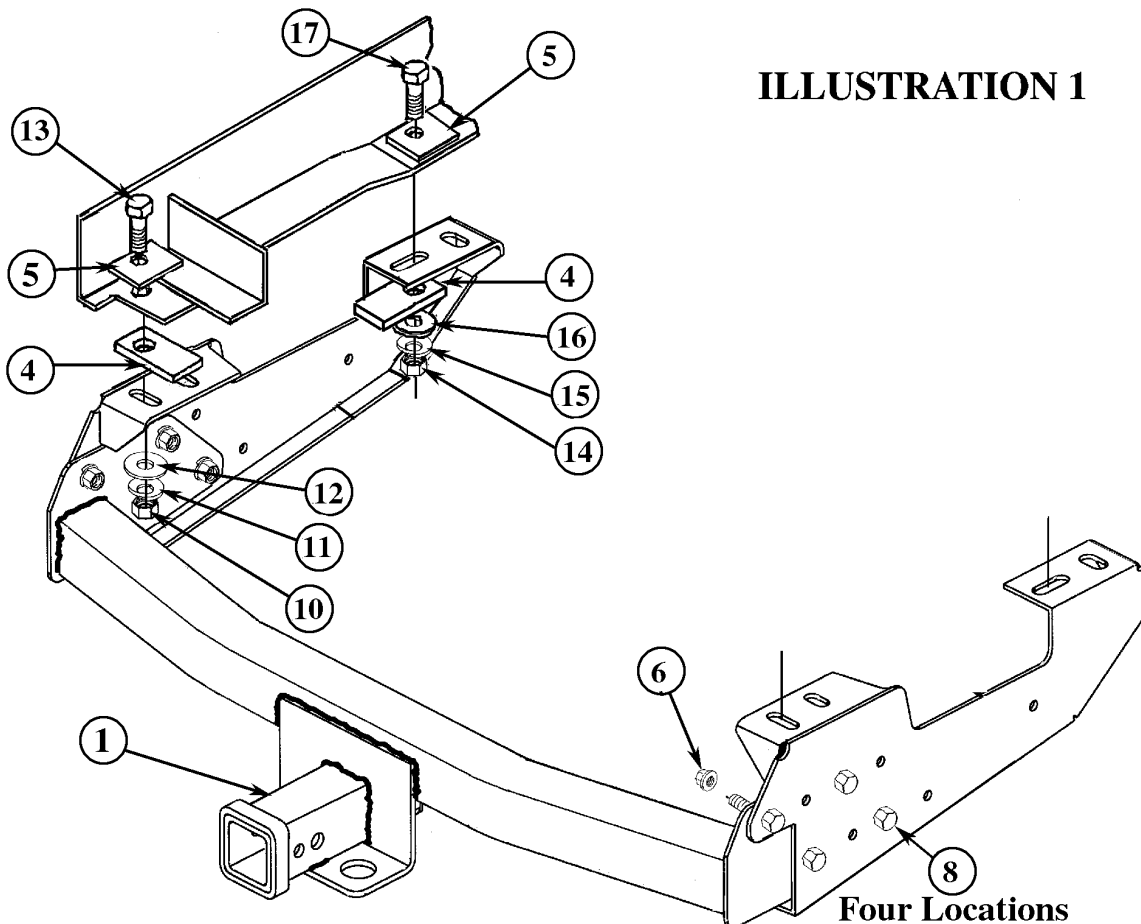
INSTALLATION NOTE: On some applications the hitch will be easier to install if the spare tire is removed from its storage location before beginning installation. The spare can be put back in its storage location after hitch is installed.

1973-96 Ford Full Size P/U

1997-98 Ford F250 HD & F350 HD P/U

1978-96 Ford Bronco

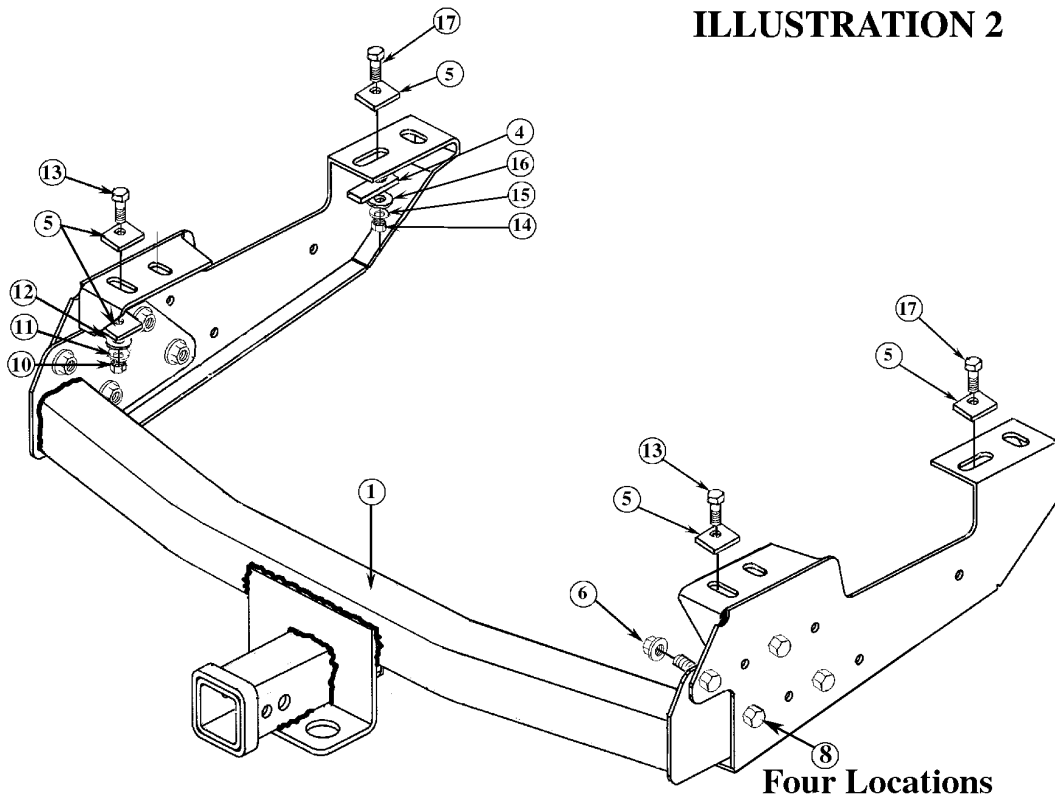
1. Assemble the frame brackets #2 and #3 with receiver assembly #1 as illustrated below. Be sure the frame brackets are attached to the outer sides of the receiver assembly plates. Bolt through the hole location shown. Parts must be bolted together with four 3/8" fasteners per side.
2. Position the assembled receiver with frame brackets against the bottom of the truck side frames. The end of each frame bracket should be flush with the end of the truck frame.
3. Using the holes indicated on the illustration below as guides, drill two 9/16" diameter holes at the forward attachment points and two 1/2" holes at the rear attachment points.
4. Place a 3/8 spacer plate #4 between the frame and hitch frame bracket at the rear attachment point on each side. No spacer is used between the frame at the forward attachment points.
5. Bolt the hitch in place at the rear holes with the 12mm fasteners and at the forward holes with the 9/16" fasteners.
5. Tighten the 3/8"bolts to 30 ft. lbs. torque, the 12mm bolts to 75 ft. lbs. torque and the 9/16 bolts to 110-120 ft. lbs. torque.



1999-04 Ford F250 Super Duty & F 350 Super Duty

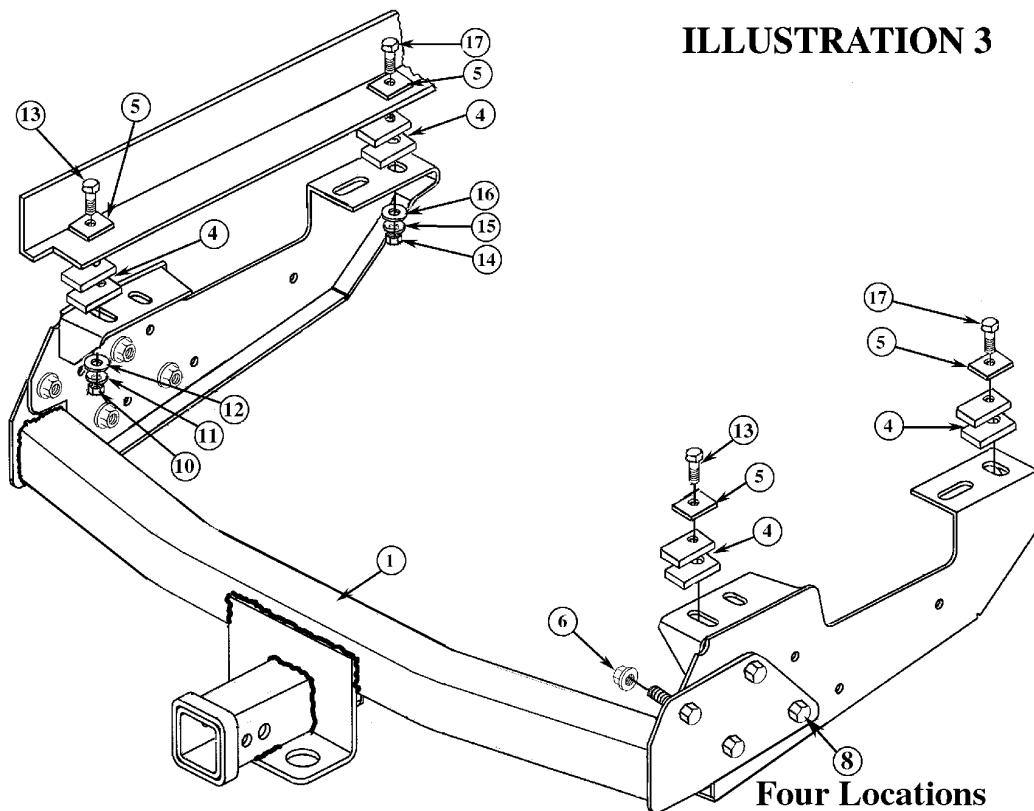
1. Assemble the frame brackets #2 and #3 with receiver assembly #1 as illustrated below. Be sure the frame brackets are attached to the outer sides of the receiver assembly plates. Bolt through the hole locations shown. Parts must be bolted together with four 3/8" fasteners per side.
2. Bolt the assembled receiver with frame brackets against the bottom of the truck side frames at the holes shown in each frame bracket and rearmost holes in bottom of truck frame. Use the 12mm fasteners and spacers as shown on Illustration 2.
3. Using the forward holes in each frame bracket, indicated on the illustration below as guides, drill two 9/16" diameter holes in each truck frame.
4. Bolt frame brackets securely to truck frame at drilled holes as illustrated.
5. Tighten the 3/8"bolts to 30 ft. lbs. torque, the 12mm bolts to 75 ft. lbs. torque and the 9/16 bolts to 110-120 ft. lbs. torque.

ILLUSTRATION 2

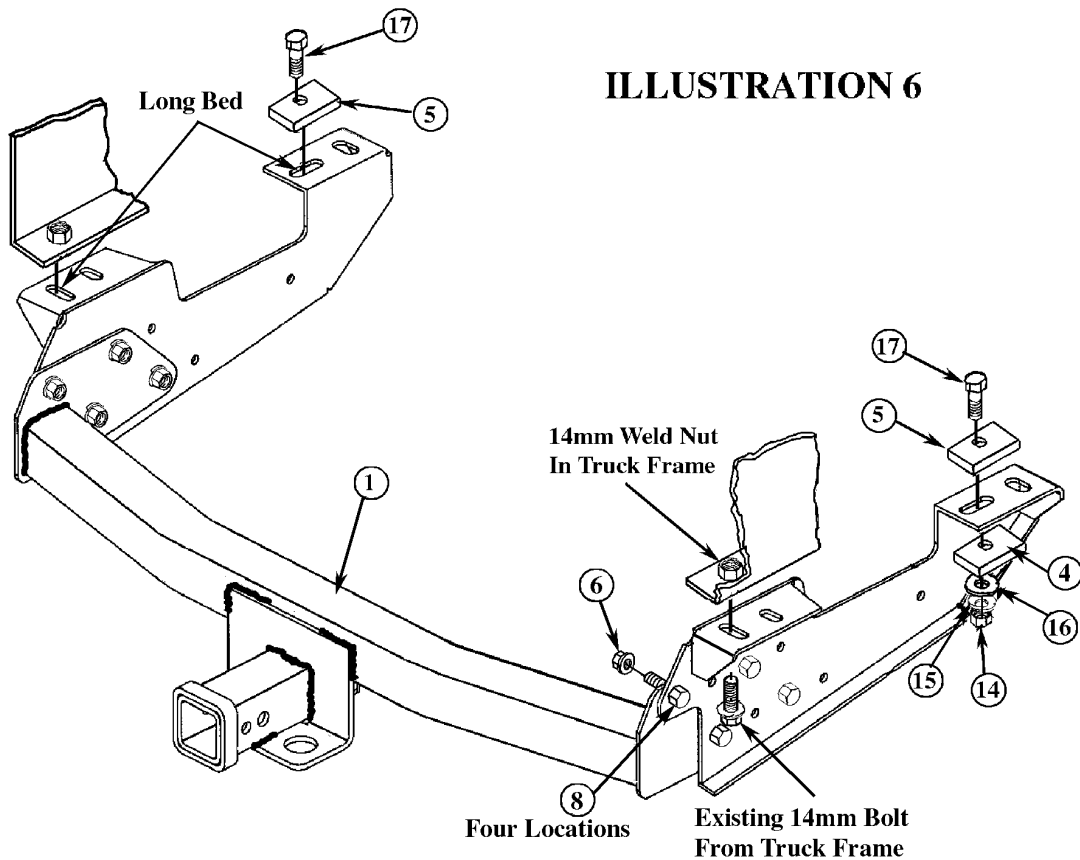


1997-02 Ford F 150 & Light Duty F 250 P/U

- 1. Assemble the frame brackets #2 and #3 with receiver assembly #1 as illustrated below. Be sure the frame brackets are attached to the inner sides of the receiver assembly plates. Bolt through the hole location shown. Parts must be bolted together with four 3/8" fasteners per side.**
- 2. Position the assembled receiver against bottom of truck frame with 3/8" spacers #4 between the truck frame and hitch frame brackets at all existing holes in truck frame. Bolt hitch assembly in place with 9/16" fasteners at forward attachment points and the 12mm fasteners at the rear attachment points as shown on Illustration 3.**
- 3. Tighten the 3/8"bolts to 30 ft. lbs. torque, the 12mm bolts to 75 ft. lbs. torque and the 9/16 bolts to 110-120 ft. lbs. torque.**

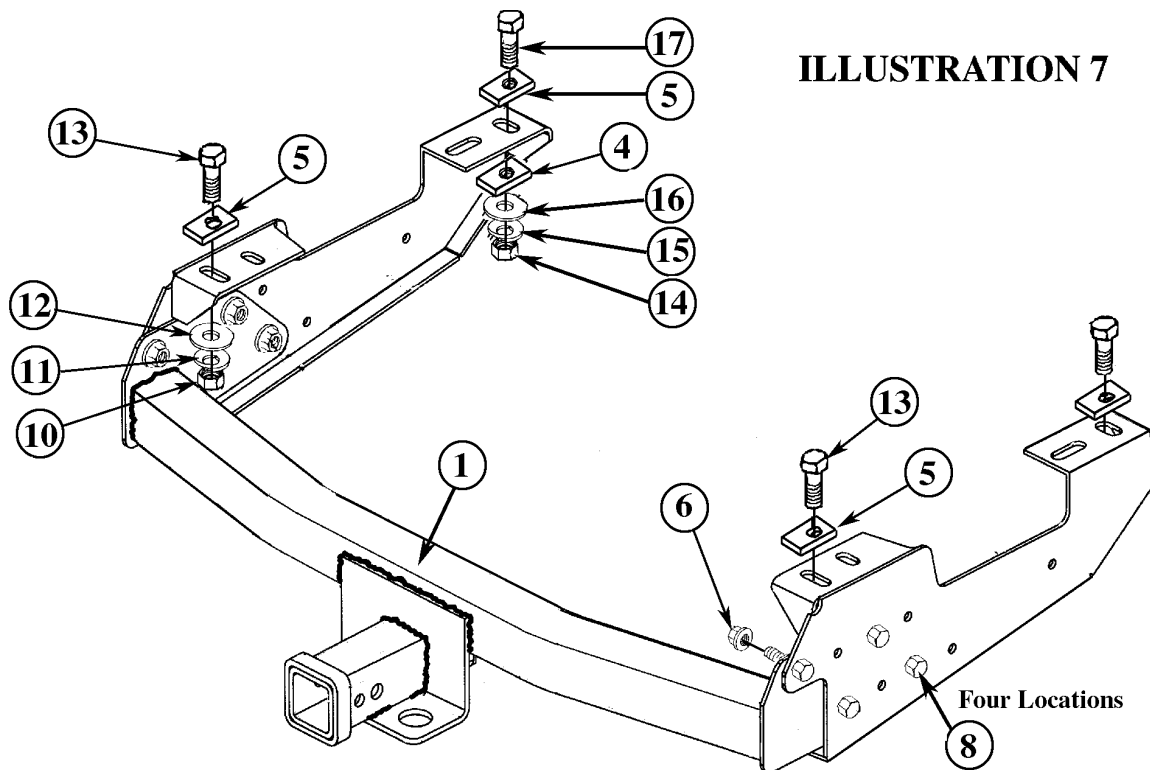


1. Assemble the frame brackets #2 and #3 with receiver assembly #1 as illustrated below. The frame brackets must be bolted to the outside surface of the receiver assembly plate with the frame mounting flanges facing outward. Bolt through the hole location shown. Parts must be assembled with four 3/8" fasteners per side.
2. Remove the 14mm bolt from the end of each vehicle side frame, with a 21mm socket.
3. Position the hitch assembly up against the bottom of the truck side frame with the first hole in line with the hole at the end of the frame. Bolt hitch assembly to frame using the previously removed 14mm bolts.
4. Using the forward existing large hole in the truck frame, secure the forward end of each hitch frame bracket to truck frame at the hole which will align with one of the forward holes in the hitch frame bracket. Be sure that the plate #5 covers the large hole in the truck frame.
5. Tighten all 3/8" bolts to 35 ft. lbs. torque and all 9/16" and 14mm bolts to 110-120 ft. lbs. torque.



1971-93 Dodge P/U

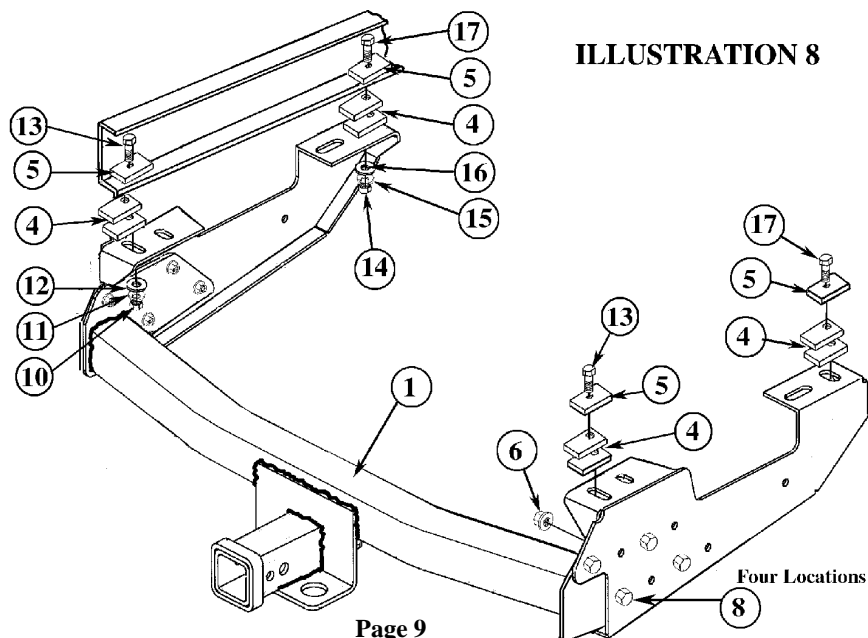
1. Locate the 1" diameter hole in the end of each truck frame. Place a 12mm bolt #13 and spacer plate #5 in frame so that the bolt is extending out of frame.
2. Assemble the frame brackets #2 and #3 with receiver assembly #1 as illustrated below. The frame brackets must be bolted to the outside surface of the receiver assembly plate with the frame mounting flanges facing inward. Bolt through the hole location shown. Parts must be assembled with four 3/8" fasteners per side.
3. Position the hitch assembly up against the bottom of the truck side frame so that the rear most hole in hitch frame brackets line up with bolt extending through frame. NOTE: Some spare tire carriers must be modified if the carrier hits the hitch frame bracket. Bolt receiver assembly in place at this location using the 12mm fasteners as illustrated.
4. At the forward most hole in each frame bracket, drill a 9/16" diameter hole in truck frame.
5. Bolt hitch assembly to frame using the 9/16" fasteners as shown on illustration below.
6. Tighten all 3/8" bolts to 35 ft. lbs. torque, all 12mm bolts to 75 ft. lbs. torque and all 9/16" bolts to 110-120 ft. lbs. torque.



1994-02 Dodge Ram Short Bed P/U 2500 & 3500 series)

1994-01 Dodge Ram Short Bed P/U 1500 Series

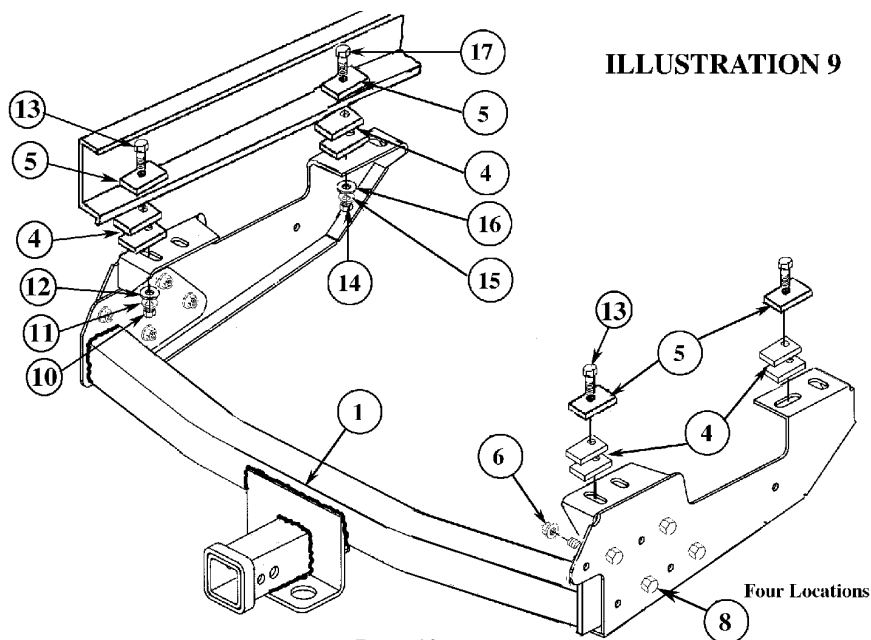
1. The spare tire may need to be loosened and moved slightly to install hitch.
2. Note Illustration, place two 3/8" spacer plates #4 between hitch frame brackets and truck frame at each attachment point.
3. Locate the 1" diameter hole in the end of each truck frame. Place a 12mm bolt #13 and spacer plate #5 in frame so that the bolt is extending out of frame.
4. Position a frame bracket with mounting flange facing inward, against bottom of frame aligning the rear most hole with the previously installed 12mm bolt. Be sure to place two 3/8" spacers #4 between the frame bracket and truck frame. Bolt in place as illustrated.
5. On some models the tailpipe hanger bracket may need to be unbolted from truck frame.
6. At the forward most hole in each frame bracket, drill a 9/16" hole in truck frame. Place a spacer plate #5 and a 9/16" bolt into frame and drop bolt down through hole in frame and hitch frame bracket. Place two 3/8" spacers #4 between truck frame and frame bracket. Bolt securely in place as illustrated.
7. Position hitch center section between installed frame bracket and bolt in place with four 3/8" fasteners. Either set of bolt holes will work, depending on position of receiver to bumper or spare tire to receiver clearance. Tighten all 3/8" bolts to 35 ft. lbs. torque.
8. Tighten all 12mm bolts to 75. ft. lbs. torque and all 9/16" bolts to 110-120 ft. lbs. torque.
9. Re-attach the tailpipe hanger bracket to hole provided in the hitch frame bracket with fasteners supplied. A 3/8" attachment hole may have to be drilled in hanger bracket on some applications. Re-tighten the spare tire if it was loosened.



1994-02 Dodge Ram Long Bed P/U 2500 & 3500 series)

1994-01 Dodge Ram Long Bed P/U 1500 Series

1. The spare tire may need to be loosened and moved slightly to install hitch.
2. Note Illustration, place two 3/8" spacer plates #4 between hitch frame brackets and truck frame at each attachment point.
3. Locate the 1" diameter hole in the end of each truck frame. Place a 12mm bolt #13 and spacer plate #5 in frame so that the bolt is extending out of frame.
4. Position a frame bracket with mounting flange facing inward, against bottom of frame aligning the rear most hole with the previously installed 12mm bolt. Be sure to place two 3/8" spacers #4 between the frame bracket and truck frame. Bolt in place as illustrated.
5. On some models the tailpipe hanger bracket may need to be unbolted from truck frame.
6. Depending on model, one of the forward holes in the hitch bracket will align with a 1" diameter hole in the truck frame. Place a spacer plate #5 and a 9/16" bolt into frame, over hole, and drop bolt down through 1" hole in frame and hole in frame bracket. Place two 3/8" spacers #4 between truck frame and frame bracket. Bolt in place as illustrated.
7. Position hitch center section between installed frame bracket and bolt in place with four 3/8" fasteners. Either set of bolt holes will work, depending on position of receiver to bumper. Tighten all 3/8" bolts to 35 ft. lbs. torque
8. Tighten all 12mm bolts to 75. ft. lbs. torque and all 9/16"bolts to 110-120 ft. lbs. torque.
9. Re-attach the tailpipe hanger bracket to hole provided in the hitch frame bracket with fasteners supplied. A 3/8" attachment hole may have to be drilled in hanger bracket on some applications. Re-tighten the spare tire if it was loosened.



2000-04 Toyota Tundra P/U

1. Locate the existing hole in the end of each truck frame. Place a 12mm bolt #13 and spacer plate #5 in frame so that the bolt is extending out of the frame.
2. Assemble the frame brackets #2 and #3 with receiver assembly #1 as illustrated below. The frame brackets must be bolted to the inside surface of the receiver assembly plates with the frame mounting flanges facing outward. Bolt through the hole locations shown. Parts must be assembled with four 3/8" fasteners per side.
3. Position the hitch assembly up against the bottom of the truck side frame so that the rear most hole in hitch frame brackets line up with the previously installed 12mm bolts extending through truck frame. Bolt receiver assembly in place with 12mm fasteners. Be sure to place a 3/8" spacer #4 between the hitch frame bracket and HD flatwasher #12 as shown.
4. At the forward most hole in each frame bracket, drill a 9/16" diameter hole in truck frame.
5. Bolt hitch assembly to frame with 9/16" fasteners as shown on illustration below.
6. Tighten all 3/8" bolts to 35 ft. lbs. torque, all 12mm bolts to 75 ft. lbs. torque and all 9/16" bolts to 110-120 ft. lbs. torque

