



Installation Instructions

PART NUMBERS: 45511, 45711, CQT45511

Applications:

Years	Make	Models
2015- Cur.	Chevy/GMC	2500/3500HD

Installation Time: 60 min

The time listed above is the average time for professional installers. If you do not feel comfortable performing this installation on your own or are in need of assistance, please contact a professional installer.



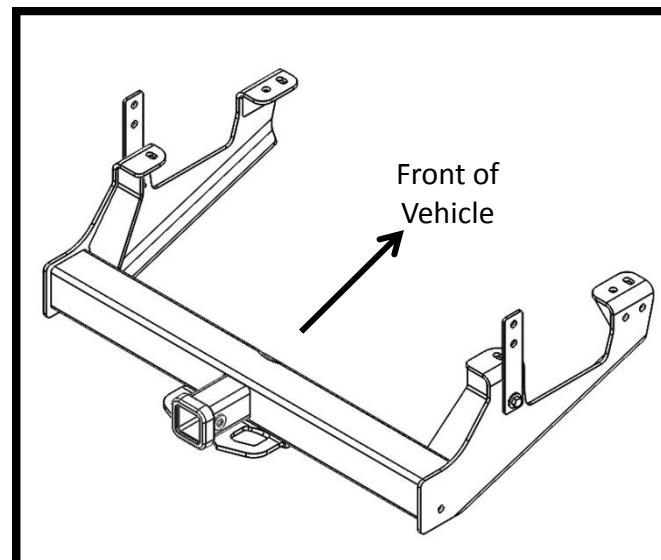
Representative Vehicle Photo

Equipment Required:

Safety Glasses	Ratchet	13 mm 19mm 21mm Sockets	22 mm 3/4" 7/8" 15/16" Sockets	Paint Marker
Torque Wrench	6" Socket Extension	Drill	Drill Bits 3/8", 5/8"	Plastic Cutting Tool

**DO NOT EXCEED LOWER OF TOWING VEHICLE
MANUFACTURER'S RATING OR:**

Hitch Type	Max Gross Trailer Weight	Max Tongue Weight
Weight Carrying	20,000lb (9,072kg)	2,700lb (1,225kg)
Weight Distributing	20,000lb (9,072kg)	2,700lb (1,225kg)



Hitch Illustration

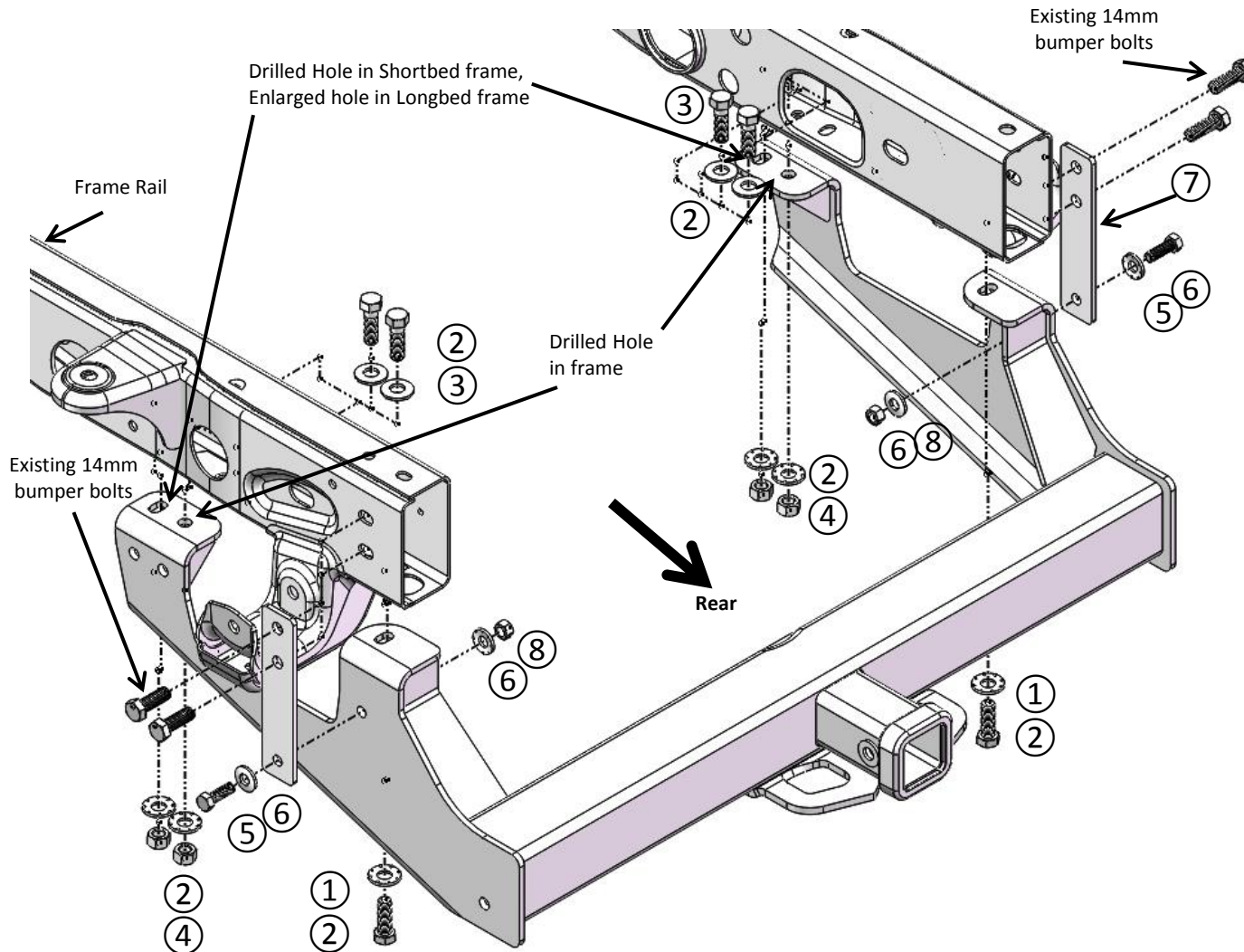


Always wear **SAFETY GLASSES** when installing hitch

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Fastener Kit: 45511F



①	Qty. (2)	Bolt M14 CI 10.9 x 45mm	
②	Qty. (10)	Conical tooth washer 5/8"	
③	Qty. (4)	Bolt 5/8-11 x 2.0 GR8	
④	Qty. (4)	Hex Nut 5/8" GR8	
⑤	Qty. (2)	Bolt 5/8-11 x 1.5 GR8	
⑥	Qty. (4)	Conical tooth Washer 5/8"	
⑦	Qty. (2)	Attachment bar	
⑧	Qty. (2)	Hex Nut 5/8" GR8	
⑨	Qty. (1)	Cable tie	




**Teeth side
against hitch**

Figure 1

Note: Fasteners typical both sides


Short Bed Trucks: Requires drilling 4 holes in frame rail

1. Lower spare tire from underneath of truck for ease of installation. Also remove existing M14 bolts from end of each truck frame rail. Return bolts to vehicle owner. If truck has existing hitch remove bumper bolts also.
2. On vehicles not equipped with a hitch, you will need to remove an OEM bumper mount. (See figure 3)
3. Remove 8mm bolts (2) holding plastic heat shield to bottom of frame on passenger's side. Trim heat shield as shown and drill one 3/8" hole through rib as shown. (Figure 2)
4. Raise hitch into position locating rear slotted holes in hitch over rearmost existing weldnuts in end of truck frame rails.
5. Install supplied M14bolts ① and conical toothed washers ② (teeth side against hitch) into existing weldnuts as shown.
6. Using the hitch as a guide, mark the four holes to be drilled. Remove the hitch for ease of access for drilling. Drill holes for 5/8" fasteners. (Both sides) **Note: Frame material is very tough and difficult to drill, frame material is double thick in this area.**
7. Raise the hitch back into position, re-install the supplied M14 bolts ① and conical washers ②, install supplied 5/8" ③ bolts and conical washers ② teeth side against frame, thru access hole in frame into drilled holes.
8. Remove existing M14 bolts(2) located on the outside end of the frame rail. One frame rail at a time. Place attachment bars as shown and reinstall existing M14 bolts back into to frame. Install 5/8-11 bolt ⑤, conical toothed washers ⑥ and nut ⑦ to hitch as shown.
9. Reinstall heat shield at forward bolt hole. Using the provided cable tie ⑧ feed through hole located near forward attachment through hole drilled into heat shield in step 2 and back through bracket and tighten. **Do Not sandwich heat shield between frame rail and hitch.**
10. **Tighten all M14 fasteners with torque wrench to 115Lb.-Ft. (156N*M) and all 5/8 GR8 fasteners to 212Lb.-ft. (287 N*M)**

-  **Proper torque is needed to keep the hitch secure to the vehicle when towing.**
11. ~~raise~~ spare tire back into place.

Long Bed Trucks: Requires drilling 2 holes in frame rail and enlarging 2 others

1. Lower spare tire from underneath of truck for ease of installation. Also remove existing M14 bolts from end of each truck frame rail. Return bolts to vehicle owner. If truck has existing hitch remove bumper bolts also.
2. On vehicles not equipped with a hitch, you will need to remove an OEM bumper mount. (See figure 3)
3. Raise hitch into position locating rear slotted holes in hitch over existing weldnuts in truck bumper and end of truck frame rails.
4. Install supplied M14 bolts ① and conical toothed washers ② (teeth side against hitch) into existing weldnuts as shown.
5. Using the hitch as a guide, mark the two holes to be drilled. Remove the hitch for ease of access for drilling. Drill holes for 5/8" fasteners. Enlarge existing hole for forwardmost 5/8" fastener. (Both sides) **Note: Frame material is very tough and difficult to drill, frame material is double thick in this area.**
6. Raise the hitch back into position, re-install the supplied M14 bolts ① and conical tooth washers ②, install supplied 5/8" ③ bolts and conical washers ② teeth side against frame, thru access hole in frame into drilled and enlarged holes.
7. Remove existing M14 bolts(2) located on the outside end of the frame rail. **One frame rail at a time.** Place attachment bars ⑦ as shown and reinstall existing M14 bolts back into to frame. Install 5/8-11 bolt ⑤, conical toothed washers ⑥ teeth side against hitch and nut ⑧ to hitch as shown. Repeat the same process for opposite side.
8. **Tighten all M14 fasteners with torque wrench to 115Lb.-Ft. (156N*M) AND all 5/8 GR8 fasteners to 212Lb.-ft. (287 N*M)**

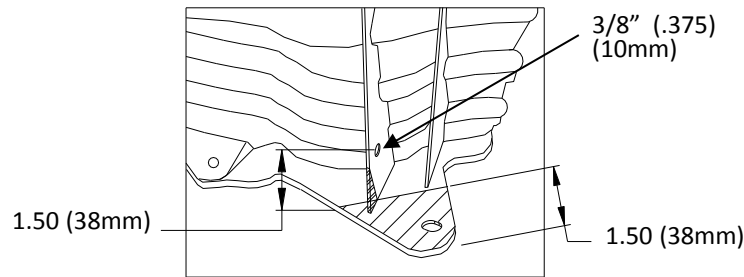
-  **Proper torque is needed to keep the hitch secure to the vehicle when towing.**
9. Raise spare tire back into place.

Note: check hitch frequently, making sure all fasteners and ball are properly tightened. If hitch is removed, plug all holes in trunk pan or other body panels to prevent entry of water and exhaust fumes. A hitch or ball which has been damaged should be removed and replaced. Observe safety precautions when working beneath a vehicle and wear eye protection. Do not cut access or attachment holes with a torch.

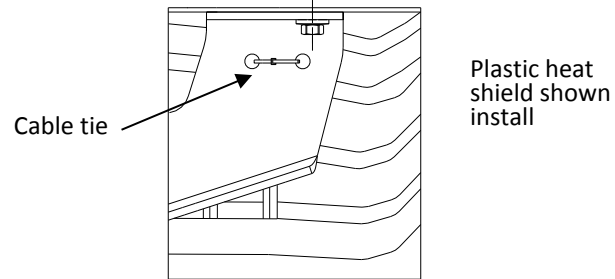
This product complies with safety specifications and requirements for connecting devices and towing systems of the state of New York, V.E.S.C. Regulation V-5 and SAE J684.

Short bed truck only

Do Not sandwich heat shield between frame rail and hitch.



Trim and drill heat shield



Attach heat shield with cable tie as shown

Figure 2

Removal of existing light duty bumper mount

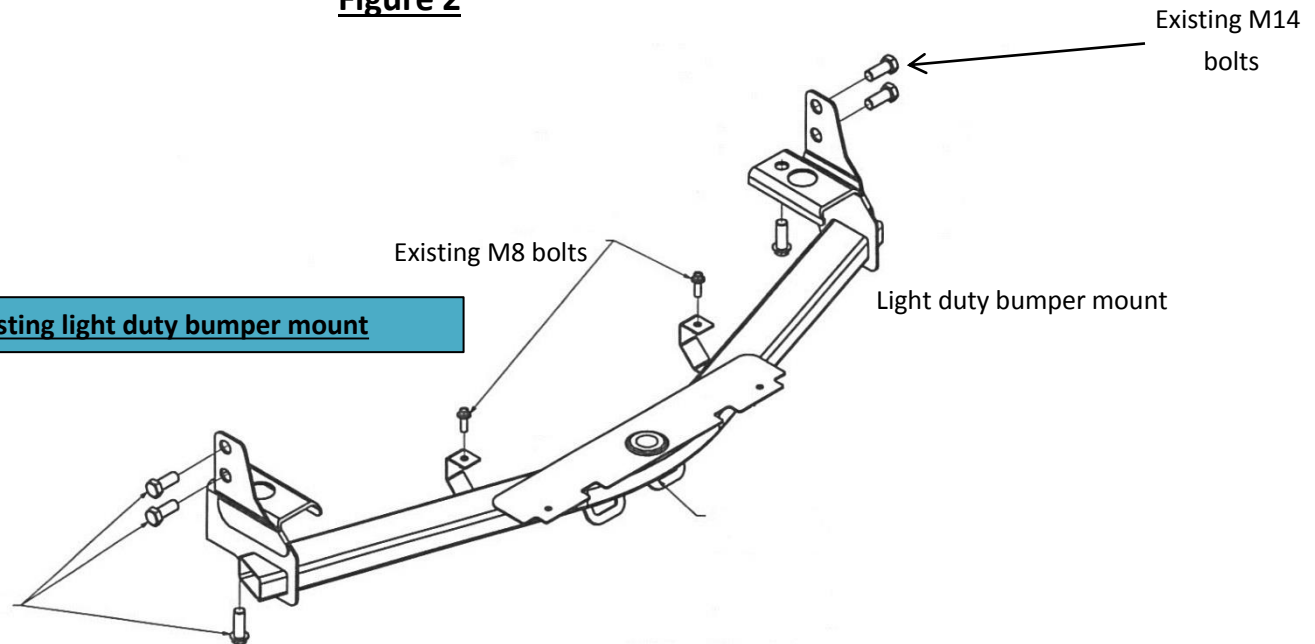


Figure 3

Note: check hitch frequently, making sure all fasteners and ball are properly tightened. If hitch is removed, plug all holes in trunk pan or other body panels to prevent entry of water and exhaust fumes. A hitch or ball which has been damaged should be removed and replaced. Observe safety precautions when working beneath a vehicle and wear eye protection. Do not cut access or attachment holes with a torch.

This product complies with safety specifications and requirements for connecting devices and towing systems of the state of New York, V.E.S.C. Regulation V-5 and SAE J684.

1. Lower spare tire from underneath of truck for ease of installation. Also remove existing M14 bolts from end of each truck frame rail. Return bolts to vehicle owner. If truck has existing hitch remove bumper bolts also.



2. On vehicles not equipped with a hitch, you will need to remove an OEM bumper mount. (See figure 3)



3. Remove 8mm bolts (2) holding plastic heat shield to bottom of frame on passenger's side. Trim heat shield as shown and drill one 3/8" hole through rib as shown. (Figure 2)



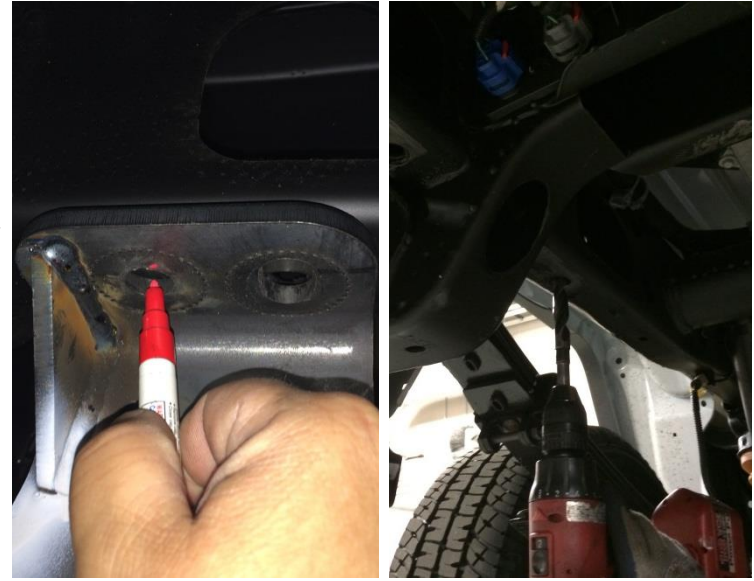
4. Raise hitch into position locating rear slots in hitch over rearmost existing weldnuts in end of truck frame rails.



5. Install supplied M14bolts ① and conical toothed washers ② (teeth side against hitch) into existing weldnuts as shown.



6. Using the hitch as a guide, mark the four holes to be drilled. Remove the hitch for ease of access for drilling. Drill holes for 5/8" fasteners. (Both sides) **Note: Frame material is very tough and difficult to drill, frame material is double thick in this area.**




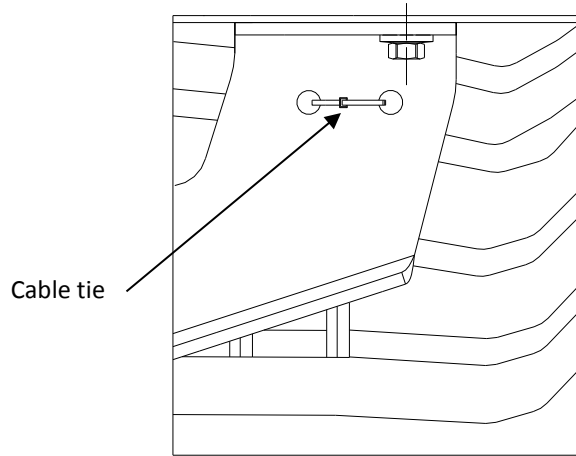
7. Raise the hitch back into position, re-install the supplied M14 bolts ① and conical washers ②, install supplied 5/8" ③ bolts and conical washers ② teeth side against frame, thru access hole in frame into drilled holes.




8. Remove existing M14 bolts(2) located on the outside end of the frame rail. One frame rail at a time. Place attachment bars as shown and reinstall existing M14 bolts back into to frame. Install 5/8-11 bolt ⑤, conical toothed washers ⑥ and nut ⑦ to hitch as shown.



9. Reinstall heat shield at forward bolt hole. Using the provided cable tie  feed through hole located near forward attachment through hole drilled into heat shield in step 2 and back through bracket and tighten. **Do Not sandwich heat shield between frame rail and hitch.**



10. **Tighten all M14 fasteners with torque wrench to 115Lb.-Ft. (156N*M) and all 5/8 GR8 fasteners to 212Lb.-ft. (287 N*M)**

 **Proper torque is needed to keep the hitch secure to the vehicle when towing.**



11. Raise spare tire back into place.

