

VEHICLE INSTALLATION INSTRUCTIONS FOR:
 JEEP WRANGLER JL 4 X 4: 2018 & NEWER

INSTRUCTION SHEET NO: 25013996

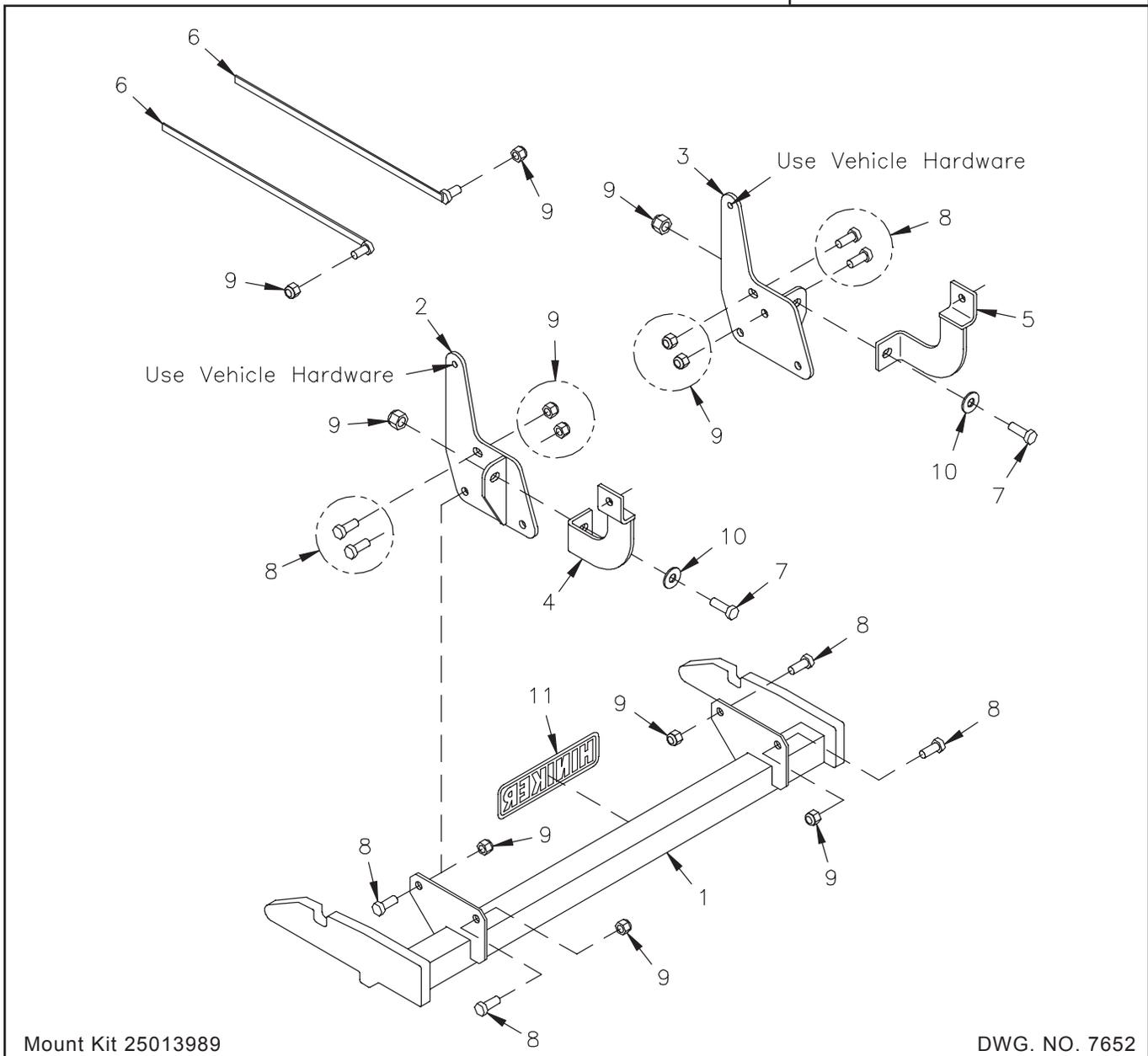
October 31, 2018



IMPORTANT: Read the Snowplow Operator's Manual before assembling this kit.

Minimum Vehicle Recommendations

REAR BALLAST - 300 lbs. when plow is attached. Secure Weight Behind Rear Axle.



Mount Kit 25013989

DWG. NO. 7652

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	25013990	Prong Weldment	1	7	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	2
2	25013991	LH Front Bracket Weldment	1	8	950-001-111	Hex Head Cap Screw 1/2-13 x 1 1/4 Gr. 5	8
3	25013992	RH Front Bracket Weldment	1	9	951-003-009	Lock Nut 1/2-13 Nylon Insert	12
4	25013993	LH Rear Bracket Weldment	1	10	952-002-005	Flat Washer, 1/2 Inch	2
5	25013994	RH Rear Bracket Weldment	1	11	25010008	Hiniker Decal	1
6	25012561	Bolt Weldment	2	25013997	25013997	Bolt Bag	1

All hardware should be tightened only enough to ensure safety during assembly. Fully tighten all hardware after entire assembly is completed.

GRADE 5 TYPE B & F LOCK NUT TORQUE VALUES

Size	Ft-lbs.	N-m
5/16"	13-18	17-25
3/8"	23-33	31-44
1/2"	58-82	79-112
5/8"	117-165	158-223

GRADE 5 BOLT TORQUE VALUES*

Size	Ft-lbs.	N-m
1/4"	8-12	11-16
3/8"	29-41	39-56
1/2"	73-103	99-140
5/8"	146-206	198-279
* Applications without lock nuts		

1. Remove the plastic splash shield from behind the front bumper. Set aside the shield and fasteners for modification and reinstallation.

Unplug the fog light harness from behind the front bumper. Remove the bumper from the frame rails by unthreading four nuts per side. Save for reinstallation.

Remove the steel splash shield support bar from between the frame rails. The support bar will not be reinstalled with the mount kit, and should be returned to the vehicle owner.

2. Unbolt the inner gusset plate from behind the bumper mount plate on each frame rail.

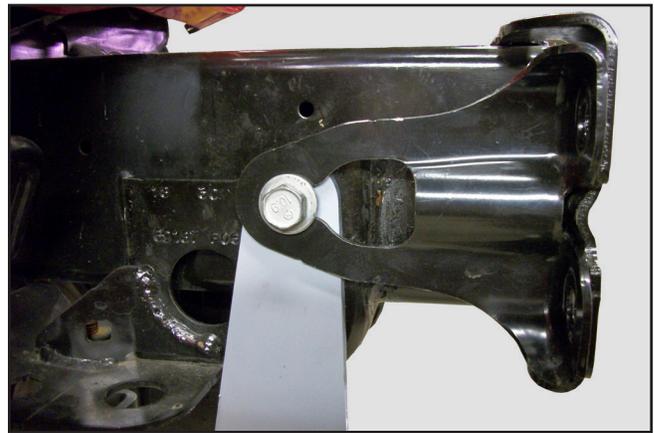


PHOTO NO. 100_3185

Loosely assemble LH and RH Front Brackets to frame rails with original bolts. Slide gussets in place under bolt heads.

Install two 1/2 inch x 1 1/4 inch hex bolts through matching holes in the vehicle frame and mount brackets. Secure with lock nuts.



PHOTO NO. 100_3199

3. Enlarge the inner rear hole in each vehicle frame member to 17/32 inch diameter.

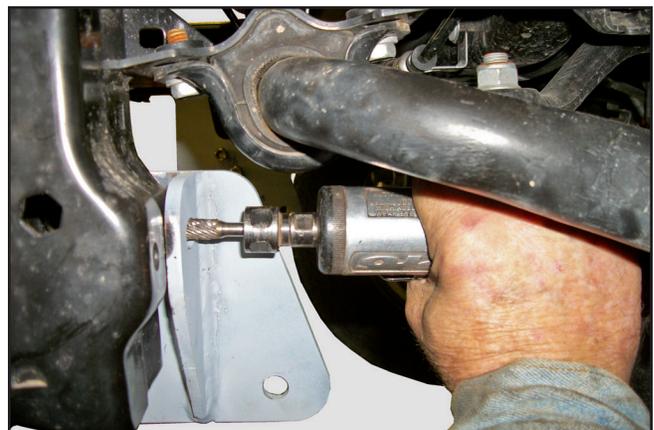


PHOTO NO. 100_3197

Insert 1/2 inch x 1 1/2 inch hex bolts with flat washers under head through rear brackets, front brackets and newly enlarged holes. Retain bolts with lock nuts.



PHOTO NO. 100_3176

Push the back end of rear brackets up tight to the frame rails, then use holes in rear brackets as templates to drill 17/32 inch diameter holes through outer walls of the vehicle frame rails.



PHOTO NO. 100_3193

Insert a Bolt Bar through the lower hole of each frame rail face plate, then out newly drilled holes.

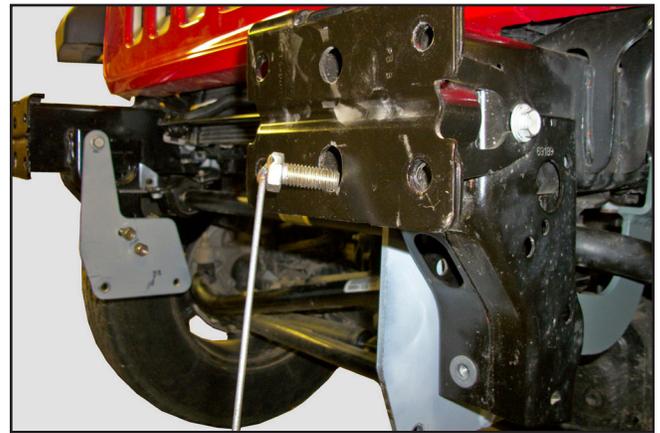


PHOTO NO. 100_3195

Thread a lock nut onto each bolt to secure rear brackets to the frame.

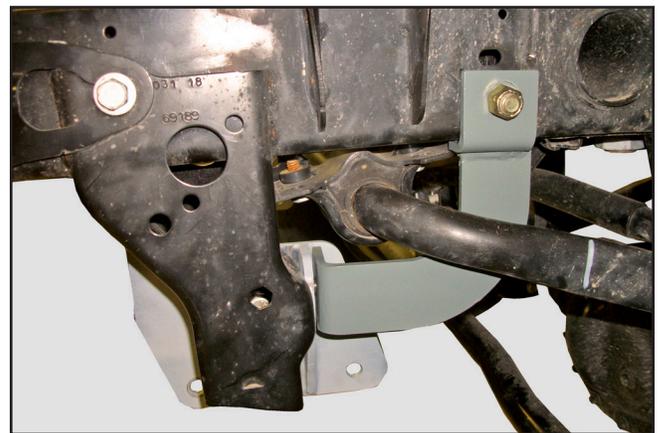


PHOTO NO. 100_3171

Cut off bolt bar handles flush with front frame rail plates to avoid interference when bumper is reattached.

Fully tighten all mount hardware to specified torque values.

4. Lift the front bumper into position on the vehicle frame rails and secure with 8 original nuts.

Reconnect fog light wiring harness.

- Trim both edges of the splash shield, as shown in the photo, to fit within mount kit brackets on the vehicle.

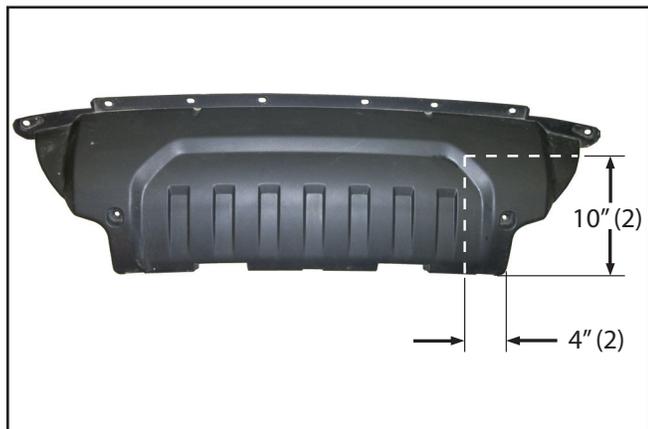


PHOTO NO. 100_3153

Slide the splash shield between the mount brackets, then reattach to the bottom edge of the bumper with original fasteners.

- Bolt prong plates inside of front plates with 1/2 inch x 1 1/4 inch hex bolts and lock nuts.



PHOTO NO. 100_3160

Bottom edges of the prongs should measure about 10 inches above the ground. Bottom edge of splash shield should rest behind prong tube.