

VEHICLE INSTALLATION INSTRUCTIONS
CHEV/GMC 4 X 4: 1999 - 2006
K1500 SILVERADO/SIERRA

Hiniker Company
58766 240th St.
P.O. BOX 3407
Mankato, MN 56002

INSTRUCTION SHEET NO: 25011228 REV C

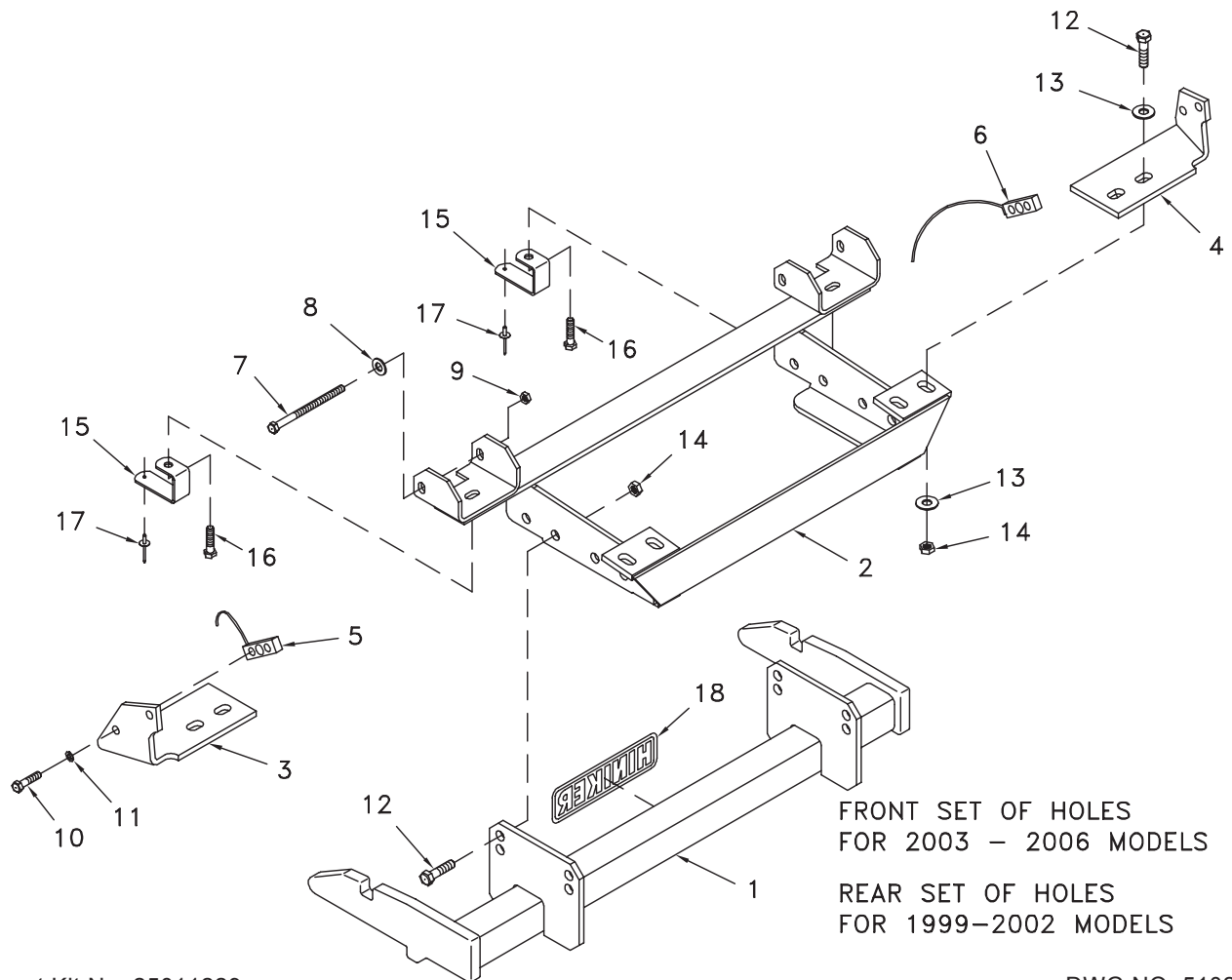
November 28, 2011

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

MINIMUM VEHICLE
RECOMMENDATIONS

MFR Snowplow Prep Package Includes:
- HD FRT Torsion Bars
- HD Shocks
- Engine Oil Cooler
- HD Power Steering Cooler

REAR BALLAST - 500 lbs.
when plow is attached.
Secure Weight
Behind Rear Wheels.



Mount Kit No. 25011229

DWG NO. 5102A

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	25011237	Prong Weldment	1	11	952-001-004	Lock Washer, 1/2 Inch	4
2	25011238	Frame Weldment	1	12	950-001-132	Hex Head Cap Screw 5/8-11 X 1 3/4 Gr. 5	8
3	25010597	LH Rear Bracket	1	13	952-003-003	SAE Flat Washer, 5/8 Inch	8
4	25010598	RH Rear Bracket	1	14	060756	Lock Nut, 5/8 Nylon Insert	8
5	25010174	LH Nut Weldment	1	15	25011236	Fascia Strap	2
6	25010173	RH Nut Weldment	1	16	950-011-046	Hex Head Cap Screw M12 X 1.75 X 40 Class 10.9	2
7	950-001-316	Hex Head Cap Screw 1/2-13 X 5 3/4 Gr. 5	2	17	954-002-014	Pop Rivet 3/16 X 3/8	2
8	952-003-004	SAE Flat Washer, 1/2 Inch	2	18	25010008	Hiniker Decal	1
9	951-005-055	Mac Lock Nut 1/2-13	2		25011239	Bolt Bag	1
10	950-001-125	Hex Head Cap Screw 1/2-13 X 1 1/2 Gr. 5	4				

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 TORQUES

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 TORQUES*

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 hardware from both tow hooks. Tow hooks can be left inside the vehicle rails.

Unbolt the bumper bolt at location 1 from both sides of the truck and replace it with the shorter bolts removed from the bottom of the tow hooks at location 2 to provide clearance for the frame weldment.

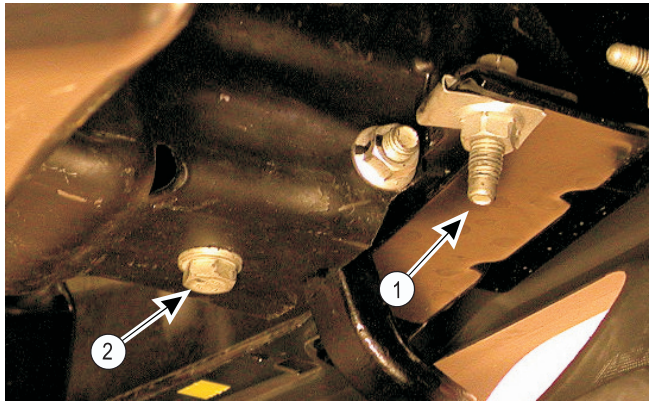


PHOTO NO. 1247

Tow hooks will be reassembled with hardware supplied in this kit.

2. Remove the plastic splash shield from behind the vehicle radiator and save hardware for reinstallation later.

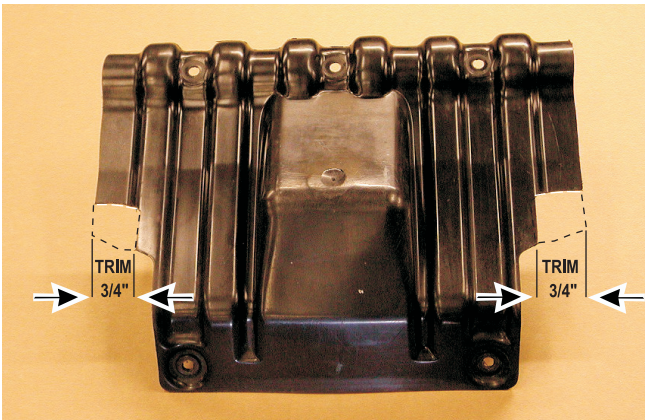


PHOTO NO. 1240

Trim approximately 3/4 inch from the lower portion of the splash shield edges so that the bottom of the shield will pass through the mount frame weldment when the mount frame is installed.

3. Before installation of the rear brackets, build a threaded stud to help with assembly of the nut bars by sawing the head off of a standard 1/2-13 UNC hex bolt about 4 inches long (bolt not included in kit).

Hold the LH and RH rear brackets tight to the bottom and side of each frame rail, with the rear edges of the brackets tight against the truck frame. The top hole in each bracket should match the slot in the vehicle.

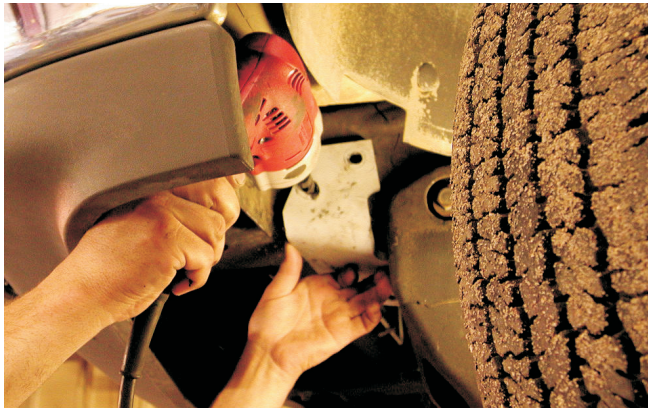


PHOTO NO. 1264

Drill a 17/32 inch diameter hole into each frame rail through the lower hole in each bracket, then remove brackets. Insert a nut bar weldment through the hole in the bottom of each frame rail and assemble rear brackets as follows:

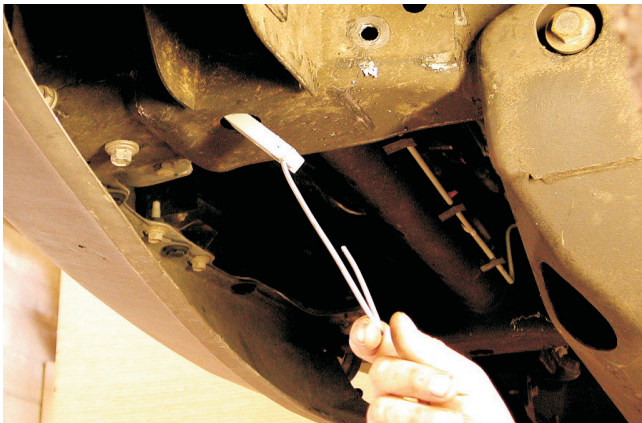


PHOTO NO. 1259A

Bend the wire handles on nut bars, as required, for manipulation and clearance. Insert the nut bar up through the hole toward the front of the vehicle.

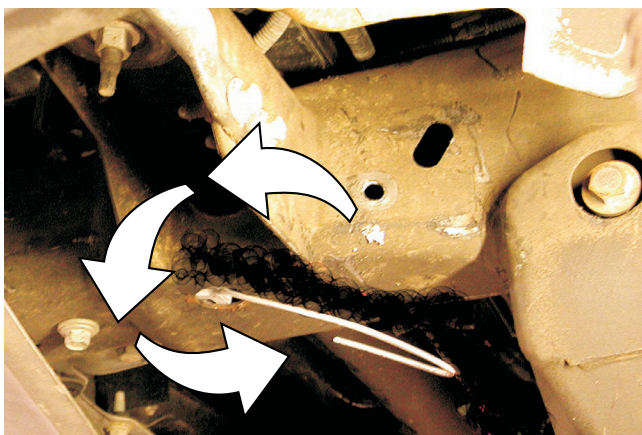


PHOTO NO. 1260C

Lay the nut bar flat on the inside bottom of the rail and rotate the bar 180° under the round vehicle crossmember.

Tip the nut bar up so the lower hole matches the drilled hole in the vehicle and the upper hole matches the upper rear of the pre-existing slot in the vehicle. Nut bars may need to be removed and reinserted to bend wire handles so that the nut bar lies flat against the inside surface of the rail.



PHOTO NO. 1262

Install the threaded stud into the lower nut bar hole and slide the bracket over the stud.



PHOTO NO. 1263

Loosely bolt the bracket to the vehicle through the upper bracket hole with a 1/2 inch X 1 1/2 inch hex bolt and lock washer.

Remove the threaded stud, then assemble a hex bolt and lock washer through the lower bracket hole.

Bend the wire nut bar handles into an out of the way position.

4. Place the plastic splash shield through the mount kit frame weldment, and with the tow hooks in their original position inside the vehicle rails, lift the splash shield and frame weldment together so that holes in the frame weldment match holes in the rear brackets and tow hook holes.

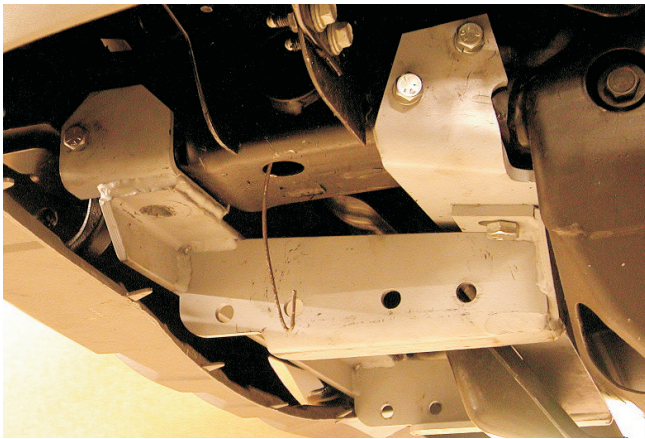


PHOTO NO. 1238

Fasten the frame weldment to the rear brackets with 5/8 inch and 1 3/4 inch hex bolts, flat washers and lock nuts.

Place a 1/2 inch flat washer on the two 1/2 inch X 5 3/4 inch hex bolts from the kit. Fasten the front of the frame weldment to the vehicle by installing the bolts through the side holes in the frame weldment and through the tow hooks at the tow hook mounting holes in the vehicle frame. Secure both bolts with a 1/2 inch lock nut.

5. Reassemble the splash shield to the vehicle with original hardware.

Use two M12 X 1.75 X 40 hex bolts supplied with this kit to loosely fasten the two fascia straps under the frame weldment at the lower tow hook holes.

Push the plastic bumper fascia over the lower edge of the fascia straps so the straps hold the plastic up to create clearance for the plow receivers.

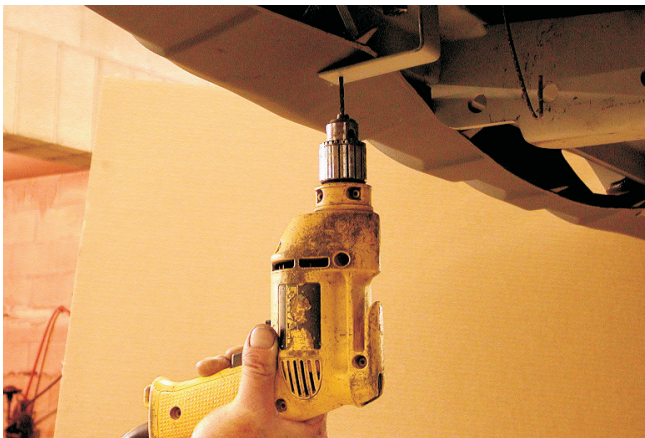


PHOTO NO. 1235

Drill a 3/16 inch diameter hole through the plastic in line with the hole in each strap.



PHOTO NO. 1236

Secure the plastic bumper fascia to the straps with 3/16 X 3/8 pop rivets.

6. Fasten the mount plates of the prong weldment to holes in the mount frame weldment with four 5/8 inch X 1 3/4 inch hex bolts and lock nuts.



PHOTO NO. 1233

Bolt prongs to the front set of holes for model year 2003 and newer trucks. Bolt prongs to the rear set of holes for model year 1999 to 2002 trucks.

Bottom edges of the prongs should measure about 10 inches above the ground. Ideally, the prongs should lift the plow frame slightly when driving into the plow.

7. Fully tighten all hardware to specified torques.