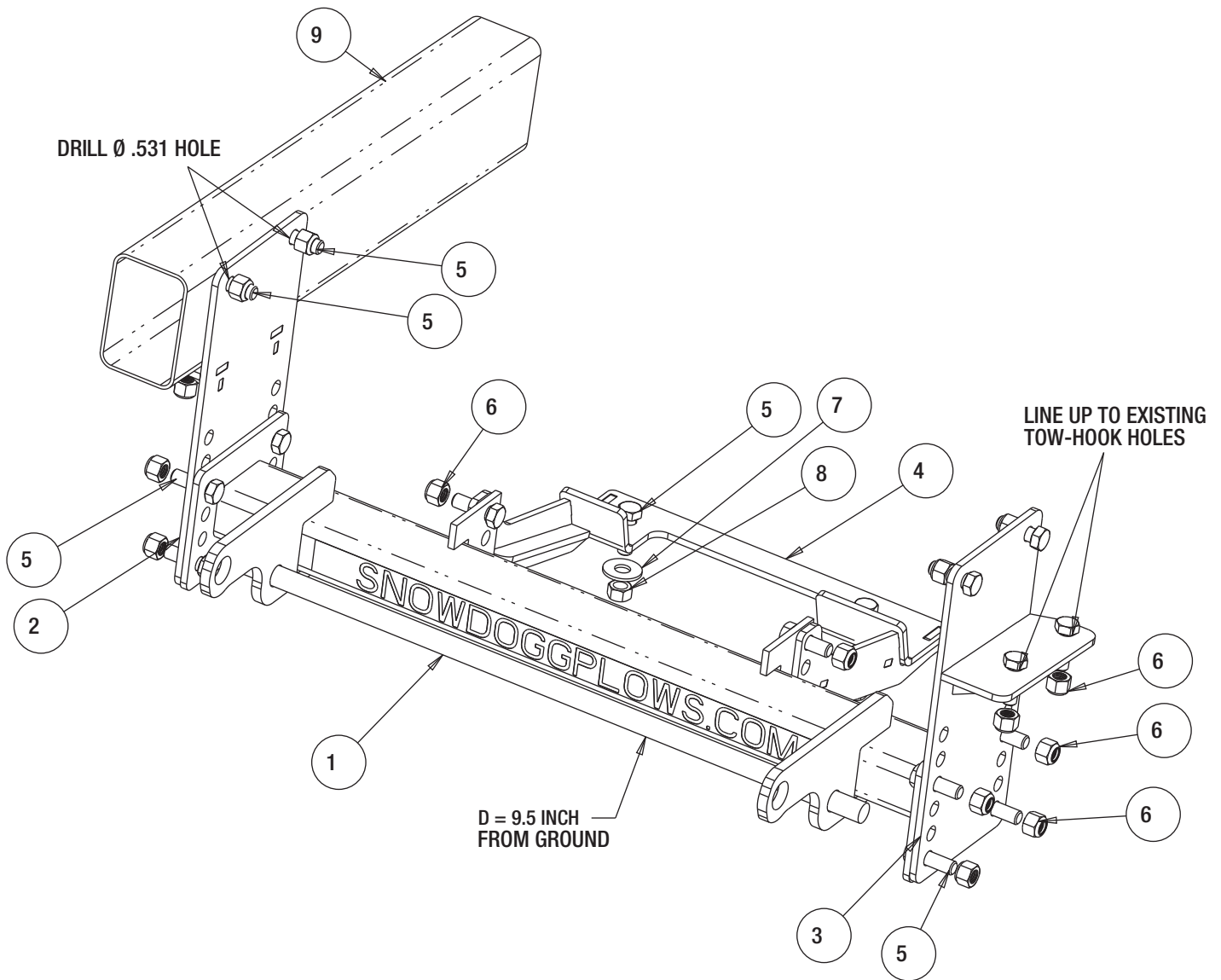


MD MOUNT KIT 16066115 NISSAN NAVARA, 2006+



SnowDogg® Snowplow

TRUCK MOUNT INSTALLATION MANUAL






Parts List

ITEM	PART NO.	QTY.	DESCRIPTION
1	16066119	1	PUSH BAR, MOUNT NAVARRA 06+
2	16066116	1	SIDE PLATE, WELD, NAVARA PS
3	16066117	1	SIDE PLATE, WELD, NAVARA DS
4	16066118	1	BRACKET, CENTER SUPPORT, NAVARRA
5	3006202	22	SCREW, HEX HD - 1/2-13 X 1-1/2 GR 8 ZC
6	3002397	20	LOCKNUT, HEX NYLOCK, 1/2-13 ZN, G8
7	FWF050138014	2	WASHER, FLAT, 1/2" USS, ZN
8	3006201	2	NUT, 1/2-13 HEX GR. 8 ZP
9	16066115FRAME	1	TRUCK FRAME

INSTRUCTIONS

- 1.** Remove the bumper to clear a path for the frame installation. Set aside the bumper for later re-installation.
- 2.** Remove the bolts from the Tow hooks.
- 3.** On the PS passenger side, hold the rear side plate bracket (2) in place and align it to the two tow hook holes of the truck frame. If the hole is too small, drill out for ½" bolt. Secures the bracket with two ½" bolts and nuts. The existing M12 bolts is another option for your choice.
- 4.** With the side bracket installed, mark two ½ inch holes on the top side. Drill through 1 wall of the truck frame with 9/16 inch drill. Thread the pullers into the ½"-13 x 1 ½" bolts (5) and insert through the drilled holes to navigate the bolt through the drilled holes. Secure it with two ½" nuts (8).
- 5.** Repeat step 2-4 for the DS driver side bracket (3).
- 6.** Attach the Pushbar (1) onto the Side plate Bracket (2+3) with eight ½" bolts and nuts. Leave it finger tight for now.
- 7.** Attach the Center Support Bracket (4) onto the pushbar.
- 8.** Secure the four ½"-13 x 1 ½" bolts (5) onto the two pushbar center tabs. In the rear of the center bracket, mark and drill for a ½" bolts on the crossmember of the truck.
- 9.** Using the thread pullers, attach two bolts through the newly drilled holes. Secure them with two ½"-13 x 1 ½" bolts (5) and two ½" nuts (8).
- 10.** At this point, check the centerline of the pushbar cross pin distant to the level floor. It should be approximately 9.5 inches from the ground. Improper mounting height will result in uneven cutting edge wear.
- 11.** Torque all the fasteners as shown in the chart. Check and re-torque all fasteners after 5 hours of usage to ensure safe plow operation.
- 12.** It may be helpful to route the plow and light control harnesses at this point, prior to bumper re-installation.
- 13.** Re-install the bumper/air damp assembly and skid plate if removed earlier. Parts may have to be cut/modified in order to accommodate for the new undercarriage mount.

Recommended Fastener Torque Chart (ft.-lb.)			
Size	 SAE Grade 2	 SAE Grade 5	 SAE Grade 8
1/4-20	6	9	13
5/16-18	11	18	28
3/8-16	19	31	46
3/8-24	24	46	68
7/16-14	30	50	75
1/2-13	45	75	115
9/16-12	66	110	165
5/8-11	93	150	225
3/4-10	150	250	370
7/8-9	150	378	591
1-8	220	583	893
Metric Grade 8.8 (ft.-lb.)			
Size	Torque	Size	Torque
M6	7	M12	60
M8	17	M14	95
M10	35	M16	155
These torque values apply to fasteners except those noted in the instruction.			

WARNING

- DO NOT under any circumstances disable, remove or relocate any sensors or components related to the operation of the air bags.
- Always follow the vehicle manufacturers' recommendations relating to snowplow installation.
- To comply with Federal Regulations and to assure a safe vehicle, the Front Gross Axle Weight Rating (FGAWR), Rear Gross Axle Weight Rating (RGAWR), and the Gross Vehicle Weight Rating (GAWR) must not be exceeded at any time.
- Due to the variety of equipment that can be installed on this vehicle, it is necessary to verify that the Front Gross Axle Weight Rating (FGAWR), Rear Gross Axle Weight Rating (RGAWR), and the Gross Vehicle Weight Rating (GAWR) are not exceeded at any time. This may require weighing the vehicle and adding ballast as necessary. It may also limit payload capacity of the vehicle. It is the operator's responsibility to verify that these ratings are not exceeded.

CAUTION

- Read all instructions prior to assembly
- It is critical that all fasteners be properly torqued for safe plow operation – see chart above.
- Fasteners should be retorqued after 5-8 hours of plow use

FULL ONE-YEAR WARRANTY

Manufacturer will repair, or at manufacturer's discretion will replace any part of this snowplow which proves to be defective in workmanship or material under normal use for a period of one year from the date of delivery to the original purchaser. Any cost incurred in returning the product to the supplier is the responsibility of the consumer.

EXCLUSIONS

Manufacturer shall not be liable for special, incidental, or consequential damages, or for damages resulting from lack of necessary maintenance, from misuse, abuse, acts of God, or alteration of the product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.