



PARTS & INSTALLATION INSTRUCTIONS

1998 & Later Nissan King Cab

4 x 4 Vehicles

IMPORTANT NOTICE

End user must be given this instruction sheet prior to delivery of this Snow Plow.

The equipment you have just purchased should only be used on vehicles equipped with the Manufacturer's Snow Plow Preparation Packages. Snow Plowing without the original Snow Plow Preparation Package may damage your vehicle and the added weight to the equipment may impair the operation and control of the vehicle. Snow Plowing with a vehicle that the manufacturer does not recommend for that purpose may void your new vehicle warranty. If your vehicle is not originally equipped with the Snow Plow Package, additional parts may be necessary before snow plowing. Owners of these vehicles should consult their dealers before purchase or installation of such parts. CAUTION: the installation, on any vehicle, of these parts is not a full substitute for the original equipment Snow Plow Preparation Package.

Warning: Lift Arm extends beyond bumper of vehicle. To minimize damage from a front-end collision, Lift Arm should be removed from vehicle when Snow Plow is removed.

Mounting Carton W/PAF 18112DP / Mounting Carton L/PAF 18111 Parts List

Item	Part No.	PartNo.	Qty	Description
	18111	18112DP		Mounting Carton
1	11995	11995	1	• Clevis Frame Weldment
2	11713	11713	1	• L. H. Angle
3	11714	11714	1	• R. H. Angle
4	11709	11709	2	• Side Strap
5	10514	10514	1	• Lift Arm
6	11462	11462	2	• Receiver Tube Cap-TM
	08626	08626		Kit: Light Elevation
7	11368	11368	2	• Bracket
8	20095	20095	2	• Bolt 1/2-13 x 1-1/2 Gr. 5
9	20307	20307	2	• Locknut Esna 1/2-13
	08725	08725	1	Hardware Bag
10	11006	11006	2	• Hinge Pin
11	20142	20142	2	• Bolt H 5/8-11 x 2-1/4 Gr. 5
12	20144	20144	3	• Bolt H 5/8-11 x 2-3/4 Gr. 5
13	20146	20146	2	• Bolt H 5/8-11 x 3-1/4 Gr. 5
14	22158	22158	4	• Bolt H M10 x 1.25 x 40mm Gr. 8.8
15	22138	22138	2	• Bolt H M12 x 1.25 x 40mm Gr. 8.8
16	20309	20309	7	• Locknut 5/8-11
17	20354	20354	4	• Flatwasher 7/16
18	20355	20355	2	• Flatwasher 1/2
19	20357	20357	8	• Flatwasher 5/8
20	21990	21990	4	• Lockwasher 10mm
21	21991	21991	2	• Lockwasher 12mm
22	11140	11140	2	• Spacer Plate 5/8
23	21984	21984	2	• Hair Pin Cotter
	-----	08157	1	• Hardware Bag
	-----	12959	1	• Pivot Bar
	-----	13778	1	• A-Frame Tubular
	-----	12978	2	• Trip Spring
24	11545	11545	1	Lift Frame

Parts indented are included in the assembly under which they are indented.

Meyer Products LLC reserves the right, under its continuing product improvement program, to change construction or design details, specifications and prices without notice or without incurring any obligation.

Meyer Products LLC
 18513 Euclid Ave. • Cleveland, Ohio 44112-1084
 Phone 486-1313 (Area Code 216)
 www.meyerproducts.com • email info@meyerproducts.com



Meyer Products LLC
 6 Angell Lane • Damariscotta, ME 04543-4507
 Phone 563-2227 (Area Code 207)
 www.meyerproducts.com • email info@meyerproducts.com

GENERAL INFORMATION

CAUTION: Always disconnect battery before beginning installation.

DO NOT BURN holes or **WELD** vehicle frame. This may cause frame failure.

After first use, re-tighten all mounting bolt connections to specified torque. All mounting bolt connections to be checked periodically for tightness.

Locknuts are furnished **DO NOT** tighten bolts and nuts until installation is complete (unless otherwise specified), then be sure to tighten all attaching parts per specified torque chart.

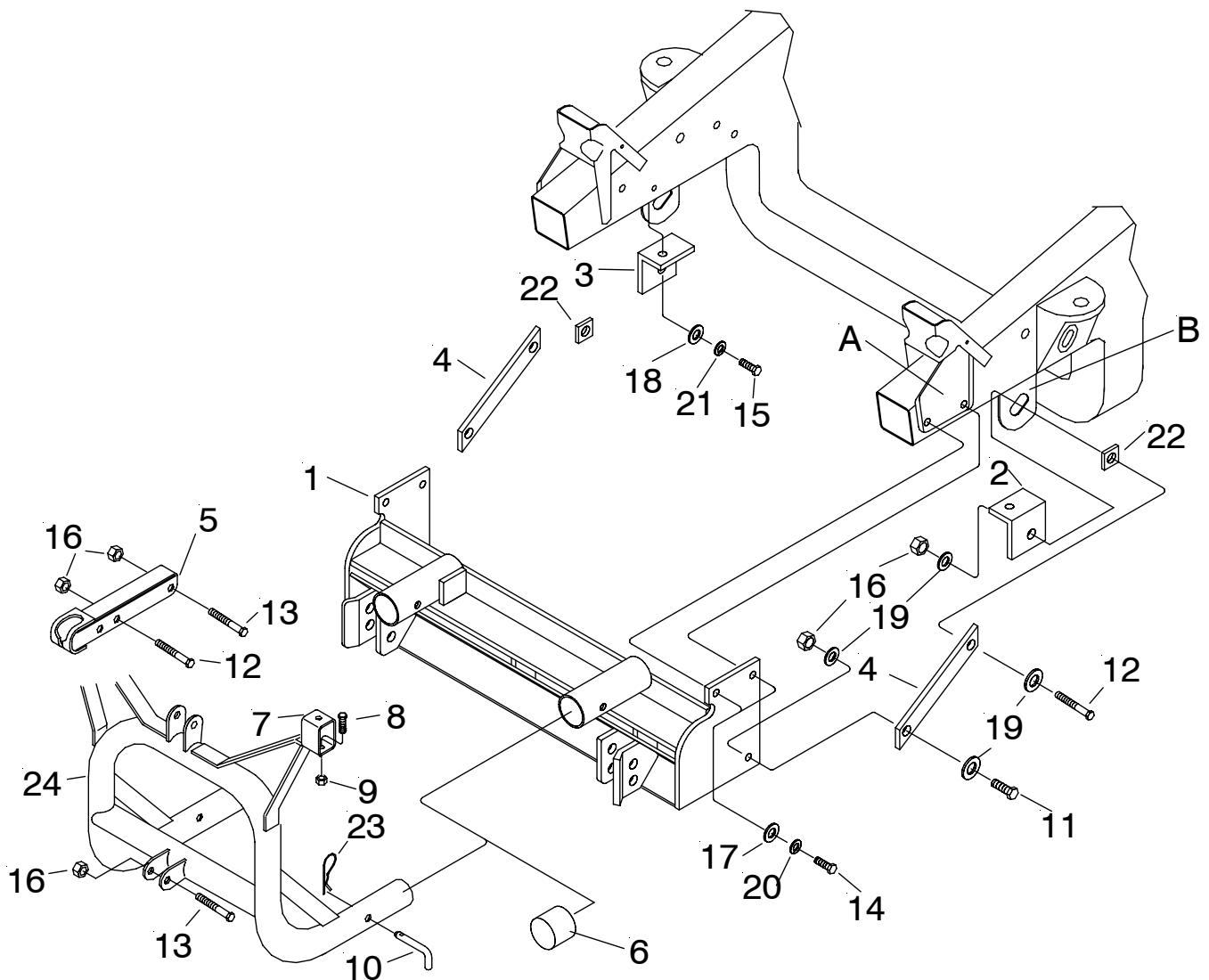
Follow these instructions explicitly. Warranty does not apply to a Meyer product which has been negligently or improperly assembled or installed.

NOTE: It is important that the Meyer harness, all wires from the Meyer light switch, and all other electrical wires be routed around hot or moving engine parts, and any sharp metal. Protection must be provided to guard against wire damage at these points. All excess or loose wires must be neatly secured using wire ties.

Check contents against the parts list to determine all are correct and included, and also to familiarize yourself with them.

SAFETY PRECAUTIONS should be used when **Hydraulic Unit is in OPERATION** and plow is in a **RAISED** position. **Lower plow to ground when vehicle is PARKED.**

OVERHAUL and **SERVICE INFORMATION** are covered on separate instructions.






INSTALLATION INSTRUCTIONS

- A. Remove two side bolts from radiator mounting bracket (A) on outside of frame rails. Retain, they will not be reused.
 - B. Position Clevis Frame (1) on outside of frame rails and align to where the radiator bracket bolts were removed. Attach Clevis Frame on both sides using M10 x 1.25 x 40mm bolts (14), lock washers (20) and flatwashers (17). Do not tighten at this time.
 - C. Install left hand Side Angle (2) under the frame rail next to slotted tab (B) using M12 x 1.25 x 40mm bolts (15), lockwashers (21) and flat washer (18). Repeat for right hand Side Angle (3). Do not tighten at this time.
 - D. Install bottom hole of Side Straps (4) to the outside of Clevis (1) using 5/8-11 x 2-1/4 bolts (11), flatwashers (19) and lock nuts (16). Do not tighten at this time.
 - E. Install top hole of Side Straps to Angles (2&3) using 5/8-11 x 2-3/4 bolts (12), flatwashers (19), spacer plates (22) and locknuts (16) per illustration. Do not tighten at this time.
Note: Slotted tabs (B) are sandwiched between spacer plates (22) and Angles (2&3).
 - F. Push Clevis back and tighten all fasteners to their proper torque. Tighten bolts in the same order they were assembled to the vehicle.
- Note: Before installing lift frame tubing to clevis frame, liberally coat ends of lift frame with chassis grease anti-seize lubricant.**
- G. Install Lift Frame (24) into the tubes on the clevis frame. Turn adjusting bolts in until contact is made with Lift Frame.
 - H. Secure Lift Frame (24) to Clevis Frame (1) using Hinge Pin (10) and Hair Pin Cotter (23).
 - I. Attach lift arm (5) to lift frame (24) using 5/8-11 x 3-1/4 bolt (13) and locknut (16). Mount Hydraulic unit to lift frame using 5/8-11 x 3-1/4 bolt (13) and locknut (16), and to lift arm (5) using 5/8-11 x 2-3/4 bolt (12) and locknut (16).
(SEE LIFT ARM WARNING)
 - J. Install Light Extension Bracket (10) using 1/2-13 x 1-1/2 bolt (8) and locknut (9).
 - K. Install hydraulic system and snow plow lights per separate instructions.
 - L. Pre-Assemble Moldboard, A-Frame and Pivot Bar per separate instructions.
 - M. Attach the A-Frame chain to the Lift Arm (8) allowing sufficient slack to enable the Snow Plow to follow ground contour while Plowing.

Note: When the lift frame module (24) is removed from the vehicle, the insides of the clevis frame (1) receiver tubes and outside ends of the lift frame should be coated with chassis grease / anti-seize lubricant and the protective receiver tube caps (6)

TORQUE CHART FOOT LBS.

Bolt Nut Size	Gr. 2 	Gr. 5 	Gr. 8 
1/4 - 20	4 - 5		
5/16 - 18	9 - 11		
3/8 - 16	17 - 20	26 - 29	
7/16 - 14		42 - 46	60 - 66
1/2 - 13		64 - 72	90 - 100
5/8 - 11		127 - 141	179 - 198
3/4 - 10		227 - 251	

Meyer Products assumes no responsibility for installations not made in accordance with these instructions.