



OPERATION and  
MAINTENANCE MANUAL

*Insist on genuine Meyer Parts & Accessories*

---

---

## Introduction

Snow, despite the beauty it may impart to a bleak winter landscape, poses the dual threat of inconvenience and danger. The environmental conditions associated with snow, not to mention the health hazards and economic loss it may impose, seriously endanger thousands of lives annually. Business and industry suffer, and millions of snowbelt residents may be affected by a single snowstorm.

**Meyer Products Inc. has published this manual to help you get maximum performance from your Meyer Snow Plow and familiarize you with the features designed for efficiency and safety; be sure you recognize and understand them. Follow recommended operation and maintenance instructions, so when the storm hits, your Meyer Snow Plow will be ready and you will know how to plow like a pro. DO NOT EQUIP ANY VEHICLE WITH A SNOW PLOW WITHOUT CONSULTING MANUFACTURER'S RECOMMENDATIONS.**

Vehicles with Meyer Snow Plows installed may be so equipped as to meet vehicle manufacturers' specifications and recommended options for snow plowing use. **Most vehicle manufacturers insist that vehicles which are to be used for snow plowing be equipped with certain options and accessories, and it is so stated in vehicle manufacturer specifications for snow plow application.**

**WARNING: Deployment of an air bag while using a Meyer snow plow will not be covered under Meyer Products Inc. warranty.**

We also recommend that, for optimum performance, vehicles used for snow plowing be equipped with:

- Four-Wheel Drive
- Minimum 100 Amp Alternator or larger
- Minimum 600 C.C.A. Battery
- Mud and Snow Tires
- Increased Radiator Cooling
- Automatic Transmission
- Transmission Cooler
- Power Brakes
- Power Steering

Under the continuing Meyer Product Improvement Plan, Meyer Products reserves the right to change design details and construction without prior notice and without incurring any obligation.

---

Meyer snow plow equipment 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 of 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 preparation package, additional equipment may be necessary before snow plowing. Owners of these vehicles should consult their truck dealers before purchase or installation of equipment. **CAUTION:** The installation, on any vehicle, of these parts is not a full substitute for the original equipment snow plow preparation package.

# INSIST ON GENUINE MEYER PARTS & ACCESSORIES

- 
- *Protect your warranty*
- 
- *Made to Meyer specifications*
- 
- *Fit right*
- 
- *Wear longer*
- 
- *Perform better*
- 
- *Your best value*
- 

[www.meyerproducts.com](http://www.meyerproducts.com)  
e-mail [info@meyerproducts.com](mailto:info@meyerproducts.com)



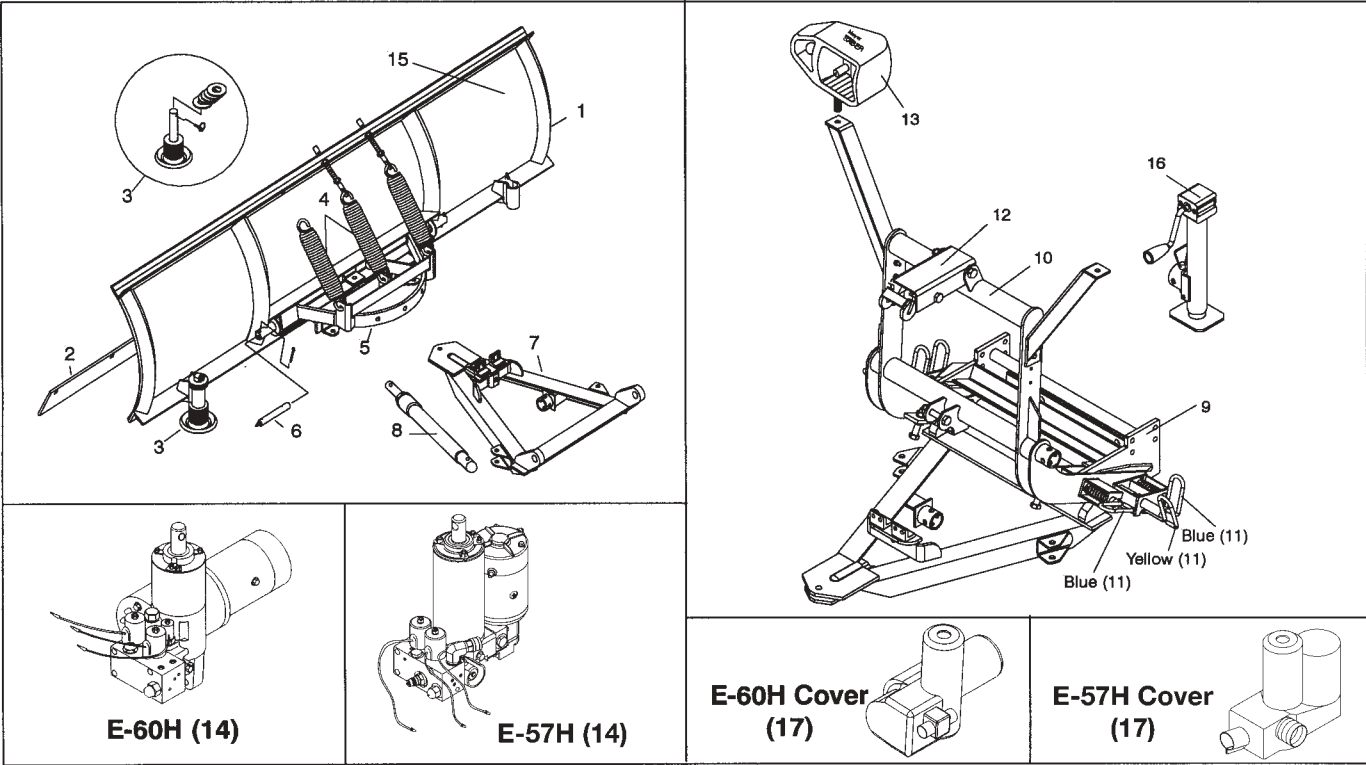
## SAFETY FIRST

Meyer Products Inc. recommends that this manual be read cover to cover so that you, the consumer, are completely aware of all important safety recommendations.

<b>Table of Contents</b>	<b>Page</b>
Get to Know Your Meyer Snow Plow	2-7
Models of Meyer Snow Plows	8-12
Meyer MDII Snow Plow Instructions	13-16
Snow Plow Operation	17-18
General Maintenance & Adjustments	18-20
Hydraulic Power Unit Diagnosis Charts	21-23
Efficient Snow Clearance Starts with Planning	24
Keep Snow Under Control	24
Selecting Proper Size Snow Plowing Equipment	25
Hourly Snow Clearing Capacities	25
Plow with the Storm	26
Establishing Snow Clearance Plans	27
Snow Plowing Tips from the Pros	28
Snow Plowing in Open Areas	28
Parking Lots and Wide Driveways	28-29
Stacking Snow	30
Trapped and Residential Areas	30
Chemicals for Snow & Ice Control	31
Meyer Products Spreaders	32-33
Meyer Accessories	34-35
Genuine Meyer Parts	36-40

# Get to know your Meyer® **MD II™** Snow Plow

- 1. Moldboard**  
Steel or Polyethylene sheet is bump and corrosion resistant. Built to last.
- 2. Cutting Edge**  
Replaceable high carbon steel provides extra long operating life; should be 1/2" above ground in plowing position. (Can be higher when used on gravel driveways.)
- 3. Runners**  
Adjustable and replaceable runners hold cutting edge at proper height.
- 4. Trip Springs**  
Allow moldboard to trip forward and ride over obstructions, this protects the snow plow, vehicle, and operator.
- 5. Sector**  
High quality steel - positions moldboard straight across, or angle right or left.
- 6. Pivot Pin**  
Pin that attaches the moldboard to the sector.
- 7. A-Frame**  
Designed to attach the snow plow to the vehicle, to pivot moldboard for angle plowing, and to hold plow at proper distance in front of vehicle.
- 8. Power Angling Cylinders (1-1/2" x 10")**  
Hydraulically positions the moldboard straight, or to right or left.
- 9. Clevis Frame**  
Allows snow plow assembly to be attached or detached from vehicle in minutes.
- 10. MDII Lift Frame**  
Allows for fast, complete removal of front end hardware, snow plow lights and hydraulic unit in one complete module.
- 11. Attaching Pins**  
Pull 4 blue pins to remove complete assembly or pull 2 yellow pins to remove moldboard assembly.
- 12. Lift Arm**  
Dual Chain locks in position to lift snow plow.  
**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.**
- 13. Meyer Snow Plow Lights**  
Complies with the Federal Motor Vehicle Safety Standards.
- 14. Electric Hydraulic Power Unit (E-60H, E-57H)**  
Operates snow plow hydraulically- raises, lowers, angles, holds and floats moldboard in plowing position.
- 15. Sno-Flo® Powder Coat**  
Baked on finish that looks like glass, provides an extremely hard, low friction surface that outlasts ordinary paint by a large margin.
- 16. Crankstand**  
Positions Moldboard and Lift Frame for easy attaching and detaching.
- 17. Hydraulic Cover**  
Protects the Hydraulic Unit from the elements and also enhances the appearance of your vehicle.



#### CRANKSTAND STORAGE

To store Crankstand on the Lift Frame slide the tube that is attached to the side of the Crankstand over the receiver tube on the driver's side of the Lift Frame. Insert the chain locking pin through the vertical holes on both the tubes. **Note: Crankstand should always be fully retracted (up) and be pinned in the vertical transport position when not in use.** Receiver Tube Cap may be placed over the driver side transport tube while the Crankstand is in use on the A-Frame. The Receiver Tube Cap may also be switched over to the Adjustment Tube of the A-Frame when the Crankstand is mounted to the Lift Frame.

**Storage of the Crankstand is the responsibility of the operator. The stand can be stored on the lift frame in the retracted position to the driver's side transport tube or inside the vehicle cab.**

#### HYDRAULIC COVER

Install Black Hydraulic Cover before installing the Lift Assembly to the Lift Frame. Begin by sliding the Hydraulic Cover down over the Lift Ram. Slide the side covering the motor carefully over the motor, do not force or stretch the Hydraulic Cover it will fit comfortably over all parts of the Hydraulic Unit. Feed the three coil wires (red, green and black) through the hole located on backside of cover. Route coupler weather plugs through holes in cover where power angling hoses enter. Snap Cover together. **Caution:** Care should be taken with the installation and or removal of the Hydraulic Cover, including partial removal when repairs are performed on the Hydraulic Lift Unit. Tearing of the Hydraulic Cover for any reason will not be covered under the Meyer Warranty.

#### ATTACHING MOLDBOARD ASSEMBLY ONLY

Attach A-Frame to Lift Frame by connecting Crankstand to the adjustment tube in the center of the A-Frame Frame. Insert the chained locking pin all the way through the vertical holes on both the tubes. Crank up A-Frame until the holes on the back ears of the A-Frame are about 12" off the ground. Pull out the Yellow Handle Pins on both sides of the Lift Frame. Twist handle slightly to the right or left disengaging the pin. Pull truck up to the A-Frame/ Moldboard assembly aligning the A-Frame ears between the two lift frame plates until contact is made with the Clevis Frame. Once you feel contact, push the moldboard assembly a few inches forward, this insures proper alignment so that the A-Frame is square to the Clevis Frame. Adjust the Crankstand up until the front of the truck raises slightly. Rotate the Yellow Handled Pins so that the small leg realigns with the slot, engaging the pin. The spring loaded pin should snap into place locking the A- frame to the lift frame. **Note:** If pins do not properly engage move the truck slightly forward a few more inches and/or adjust (raise or lower) the Crankstand until pins lock into place. If only one pin should engage, retract the stand to the full upright position. Remove the Crankstand from the A-frame by removing the chained locking pin. Reattach the Crankstand to the transport tube on the driver's side of the Lift Frame in the vertical transport position. Attach the Lift Chain to the Lift Arm through the two hooks on the lift arm. Adjust the lift chain at the lift arm so that there are 2-3 links of slack. This ensures that the plow blade will lift fully and be able to follow the ground contour while plowing. Raise the plow with the hydraulics and swing the moldboard slightly left or right until the pin engages.

#### DETACHING THE COMPLETE ASSEMBLY

Leave control switch in lower float position and push down on the Lift Arm. Disconnect the electrical plug and slip on weather caps over the both ends. Attach Crankstand to the adjustment tube in the center of the A-Frame using the chained locking pin. **Caution: Crankstand must be secured at all times.** Adjust the Crankstand down until the bottom of stand touches the ground. Pull and twist the two rear Blue Handle Pins to disengage. Next pull and twist the two front Blue Handle Pins to disengage. If the pins do not pull easily, adjust stand up or down slightly to remove tension on the pins until they disengage. At this time the lift frame should be leaning forward slightly, at rest on the top of the Crankstand. Pull truck away.

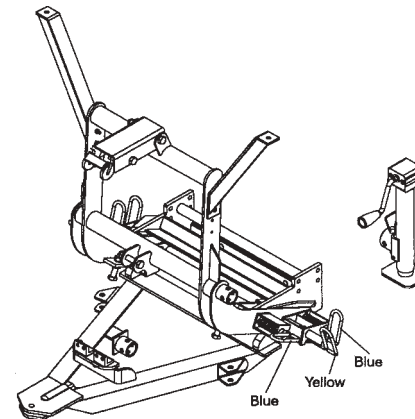
#### DETACHING MOLDBOARD ASSEMBLY ONLY

Leave control switch in lower float position and push down on the Lift Arm. Disconnect hydraulic couplers and Lift Chain from Lift Arm. Attach Crankstand to the adjustment tube in the center of the A-Frame using the chained locking pin. **Caution: Crankstand must be secured at all times.** Adjust the Crankstand down until the bottom of stand touches the ground. Pull and twist the Yellow Handled Pins to disengage. If the pins do not pull easily, adjust stand up or down slightly to remove tension on the pins until they disengage. Pull truck away.

#### ATTACHING THE COMPLETE ASSEMBLY

Check that all four Blue Handle Pins are disengaged. Drive the truck up to the MDII assembly centering the hood of the truck to the lift arm to assure proper alignment with lift frame guide plates until contact is made. Once contact is made drive forward, pushing the assembly a few inches. This insures the A-Frame is square to the Clevis Frame for proper pin attachment.

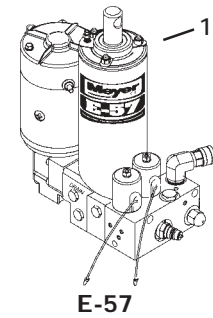
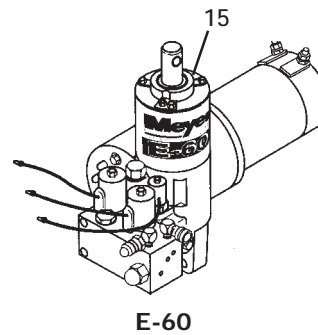
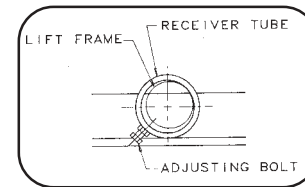
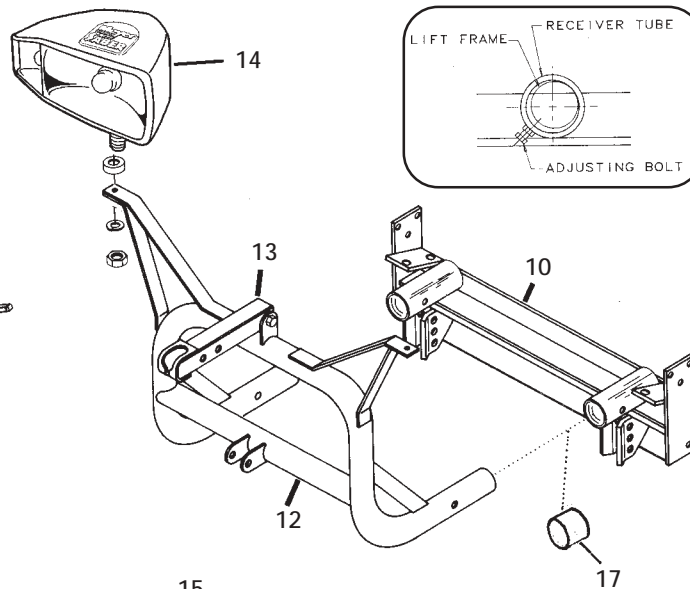
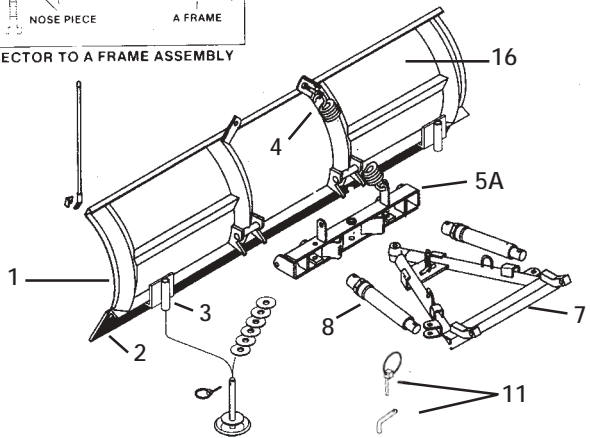
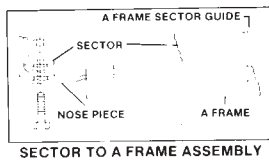
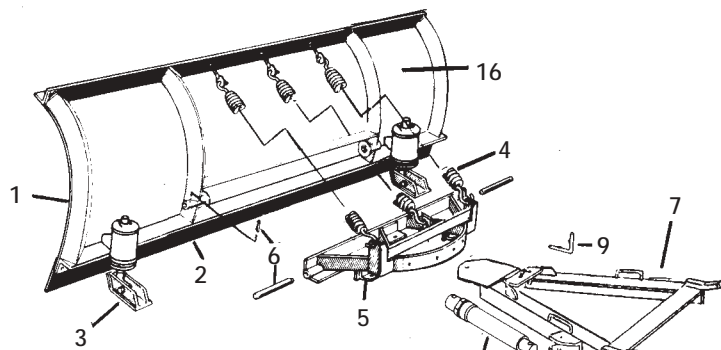
Adjust the Crankstand up until the front of the truck raises slightly. The rear Blue Handle Pins should now be aligned with the rear holes on the clevis frame. Twist all Blue Handle Pins so that the small leg re-aligns with the slot, engaging the pins. The rear spring loaded pins should snap into place. **Note:** If pins do not lock immediately the A-Frame is not square to the Clevis Frame. Move truck slightly forward and/or adjust the Crankstand up or down until rear pins engage. Once the back pins are locked push the top of the Lift Frame towards the truck locking the front pins to the clevis frame. Remove the Crankstand from the A-frame by removing the chained locking pin. Reattach the Crankstand to the transport tube on the driver's side of the Lift Frame in the vertical, retracted position. **Caution: Crankstand must be secured at all times.** Reattach the one step electrical connection.



# Get to know your Meyer® EZ Mount Snow Plow

- 1. Moldboard**  
Steel or polyethylene sheet is bump and corrosion-resistant. Built to last.
- 2. Cutting Edge**  
Replaceable, high carbon steel provides extra long operating life; should be 1/2" above ground in plowing position. (Can be higher when used on gravel driveways.)
- 3. Runners**  
Full-swivel adjustable and replaceable runners hold cutting edge at proper height.
- 4. Trip Springs**  
Allow moldboard to trip forward and ride over obstructions without losing snow load—protects snow plow, vehicle, and operator.
- 5. Sector/5A Pivot Bar**  
High quality steel—positions moldboard straight across, or angle right or left.
- 6. Pivot Pin**  
Pin that attaches moldboard to sector.
- 7. A-Frame**  
Designed to attach snow plow to vehicle, to pivot moldboard for angle plowing, and to hold plow at proper distance in front of vehicle.
- 8. Power Angling Cylinders**  
Hydraulically positions the moldboard straight, or to right or left.
- 9. Sector-Shear Pin**  
*Only on E-46 Electro-Lift® manual angling plows.*  
Self-locking pin for locking moldboard in a straight or angled position. The sector shear pin is designed to shear under hard impact with a curb or other obstruction, thus protecting the snow plow and vehicle.
- 10. Clevis Frame**  
Allows adjustment of the Snow Plow A-Frame attaching point (clevis height) for transfer of power from the vehicle frame to the snow plow. Clevis frame weather plugs (Item 17) protect receiver tubes from dirt and moisture when lift frame (Item 12) is removed.  
**Note: Adjustment bolt threads should be coated with chassis grease or anti-seize lubricant. Adjust bolts for minimum clearance between lift frame and receiver tubes while still allowing for ease of lift frame removal.**
- 11. Linch Pins**  
Allow snow plow assembly to be attached or detached from vehicle in minutes.
- 12. Tubular Lift Frame (EZ Mount® only)**  
Allows for fast, complete removal of front end hardware, snow plow lights and hydraulic unit in one complete module.
- 13. Lift Arm**  
Chain locks in position to lift snow plow.  
**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.**
- 14. Meyer Nite Saber Lights**  
Complies with the Federal Motor Vehicle Safety Standards.
- 15. Electric Hydraulic Power Unit**  
Operates snow plow hydraulically—raises, lowers, angles, holds and floats moldboard in plowing position.
- 16. Sno-Flo® Powder Coat**  
Baked on finish that looks like glass, provides an extremely hard, low friction surface that outlasts ordinary paint by a large margin.





## TRIMLINE SERIES



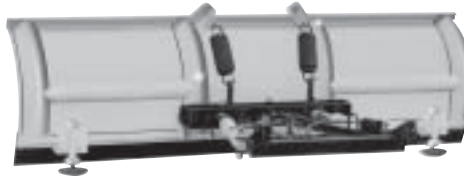
### 6', 6 1/2', 7', 7 1/2' Diamond Blade

For Skid-Steer  
Vehicles

#### STEEL MOLDBOARD SPECIFICATIONS

SNOW PLOW MODEL	DTE-6	DTE-6.5	DTE-7	DTE-7.5
MOLDBOARD LENGTH	6'	6 1/2'	7'	7 1/2'
MOLDBOARD HEIGHT	26 1/2"	26 1/2"	26 1/2"	26 1/2"
MOLDBOARD GAUGE	12	12	12	12
VERTICAL RIBS	6	6	6	6
NO. OF TRIP SPRINGS	4 extension	4 extension	4 extension	4 extension
CUTTING EDGE	1/2" x 6"	1/2" x 6"	1/2" x 6"	1/2" x 6"
PLOWING WIDTH AT FULL ANGLE	62"	68"	73"	78"
SECTOR	-	-	-	-
POWER ANGLING RAMS	1 1/2" x 10"	1 1/2" x 10"	1 1/2" x 10"	1 1/2" x 10"
*AVERAGE PLOW WEIGHT COMPLETE	529 lbs.	543 lbs.	557 lbs.	578 lbs.

\*weight is based on average depending on specific mounting



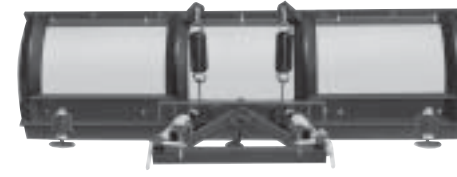
### Models TM-6, TM-6.5

For 4x4 Down Sized Pickups  
and Sport Utility Vehicles

#### STEEL MOLDBOARD SPECIFICATIONS

SNOW PLOW MODEL	TM-6	TM-6.5
MOLDBOARD LENGTH	6'	6 1/2'
MOLDBOARD HEIGHT	23"	23"
MOLDBOARD GAUGE	14	14
VERTICAL RIBS	4	4
NO. OF TRIP SPRINGS	2	2
CUTTING EDGE	3/8" x 6"	3/8" x 6"
PLOWING WIDTH AT FULL ANGLE	64"	69"
SECTOR	-	-
POWER ANGLING RAMS	1 1/2" x 10"	1 1/2" x 10"
*AVERAGE PLOW WEIGHT COMPLETE	380 lbs.	400 lbs.

\*weight is based on average depending on specific mounting



### Models TMP-6.5, TMP-7

For Down Sized Pickups  
and Sport Utility Vehicles

#### MAX POLYETHYLENE SPECIFICATIONS

SNOW PLOW MODEL	TMP-6.5	TMP-7
MOLDBOARD LENGTH	6 1/2'	7'
MOLDBOARD HEIGHT	23"	23"
MOLDBOARD GAUGE	3/8" Polyethylene	3/8" Polyethylene
VERTICAL RIBS	4	4
NO. OF TRIP SPRINGS	2	2
CUTTING EDGE	3/8" x 6"	3/8" x 6"
PLOWING WIDTH AT FULL ANGLE	69"	74"
SECTOR	-	-
POWER ANGLING RAMS	1 1/2" x 10"	1 1/2" x 10"
*AVERAGE PLOW WEIGHT COMPLETE	400 lbs.	424 lbs.

\*weight is based on average depending on specific mounting

## STANDARD SERIES



Models ST-7, ST-7.5, STL-7.5

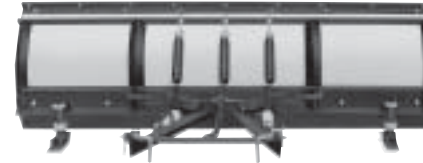
For 4x4 Standard Duty Pickups  
and Sport Utility Vehicles

NOTE: ST-7 available with 2 trip springs.

### STEEL MOLDBOARD SPECIFICATIONS

SNOW PLOW MODEL	ST-7	ST-7.5	STL-7.5
MOLDBOARD LENGTH	7'	7 1/2'	7 1/2'
MOLDBOARD HEIGHT	25"	25"	25"
MOLDBOARD GAUGE	12	12	14
VERTICAL RIBS	4	4	4
NO. OF TRIP SPRINGS	2	3	3
CUTTING EDGE	3/8" x 6"	3/8" x 6"	3/8" x 6"
PLOWING WIDTH AT FULL ANGLE	74"	79"	79"
SECTOR	11"	11"	11"
POWER ANGLING RAMS	1 1/2" x 10"	1 1/2" x 10"	1 1/2" x 10"
*AVERAGE PLOW WEIGHT COMPLETE	580 lbs.	606 lbs.	469 lbs.

\*weight is based on average depending on specific mounting



Models STP-7, STP-7.5

For 4x4 Standard Duty Pickups  
and Sport Utility Vehicles

NOTE: STP-7 available with 2 trip springs.

### MAX POLYETHYLENE SPECIFICATIONS

SNOW PLOW MODEL	STP-7	STP-7.5
MOLDBOARD LENGTH	7'	7 1/2'
MOLDBOARD HEIGHT	27"	27"
MOLDBOARD GAUGE	3/8" Polyethylene	3/8" Polyethylene
VERTICAL RIBS	4	4
NO. OF TRIP SPRINGS	2	3
CUTTING EDGE	3/8" x 6"	3/8" x 6"
PLOWING WIDTH AT FULL ANGLE	74"	79"
SECTOR	11"	11"
POWER ANGLING RAMS	1 1/2" x 10"	1 1/2" x 10"
*AVERAGE PLOW WEIGHT COMPLETE	621 lbs.	660 lbs.

\*weight is based on average depending on specific mounting

## HUSKY SERIES



Models C-7.5, C-8, C-8.5, C-9

For 4x4 Heavy Duty 3/4 ton, 1 ton Pickups,  
and 1 ton Cab Chassis

### STEEL MOLDBOARD SPECIFICATIONS

SNOW PLOW MODEL	C-7.5	C-8	C-8.5	C-9
MOLDBOARD LENGTH	7 1/2'	8'	8 1/2'	9'
MOLDBOARD HEIGHT	28"	28"	28"	28"
MOLDBOARD GAUGE	12	12	12	12
VERTICAL RIBS	6	6	6	6
NO. OF TRIP SPRINGS	4	4	4	4
CUTTING EDGE	3/8" x 6"	1/2" x 6"	1/2" x 6"	1/2" x 6"
PLOWING WIDTH AT FULL ANGLE	79"	84"	88"	93"
SECTOR	15"	15"	15"	15"
POWER ANGLING RAMS	1 1/2" x 12"	1 1/2" x 12"	1 1/2" x 12"	1 1/2" x 12"
*AVERAGE PLOW WEIGHT COMPLETE	729 lbs.	759 lbs.	797 lbs.	802 lbs.

\*weight is based on average depending on specific mounting



Models CP-7.5, CP-8, CP-8.5, CP-9.0

For 4x4 Heavy Duty 3/4 ton, 1 ton Pickups,  
and 1 ton Cab Chassis

### MAX POLYETHYLENE SPECIFICATIONS

SNOW PLOW MODEL	CP-7.5	CP-8	CP-8.5	CP-9.0
MOLDBOARD LENGTH	7 1/2'	8'	8 1/2'	9'
MOLDBOARD HEIGHT	30"	30"	30"	30"
MOLDBOARD GAUGE Polyethylene	3/8"	3/8"	3/8"	3/8"
VERTICAL RIBS	6	6	6	6
NO. OF TRIP SPRINGS	4	4	4	4
CUTTING EDGE	3/8" x 6"	1/2" x 6"	1/2" x 6"	1/2" x 6"
PLOWING WIDTH AT FULL ANGLE	79"	84"	88"	93"
SECTOR	15"	15"	15"	15"
POWER ANGLING RAMS	1 1/2" x 12"	1 1/2" x 12"	1 1/2" x 12"	1-1/2" x 12"
*AVERAGE PLOW WEIGHT COMPLETE	791 lbs.	821 lbs.	840 lbs.	868 lbs.

\*weight is based on average depending on specific mounting

## HEAVY MUNICIPAL SERIES



Models HM-9, HM-10

For trucks with a G.V.W. of 16,000 to 27,000

### STEEL MOLDBOARD SPECIFICATIONS

SNOW PLOW MODEL	HM-9	HM-10
MOLDBOARD LENGTH	9'	10'
MOLDBOARD HEIGHT	32"	32"
MOLDBOARD GAUGE	7	7
VERTICAL RIBS	7	7
NO. OF TRIP SPRINGS	6	6
CUTTING EDGE	1/2" x 6"	1/2" x 6"
PLOWING WIDTH AT FULL ANGLE	93"	103"
SECTOR	15"	15"
POWER ANGLING RAMS	2" x 12"	2" x 12"
*AVERAGE PLOW WEIGHT COMPLETE	1205 lbs.	1254 lbs.

\*weight is based on average depending on specific mounting



Models HMP-9, HMP-10

For trucks with a G.V.W. of 16,000 to 27,000

### MAX POLYETHYLENE SPECIFICATIONS

SNOW PLOW MODEL	HMP-9	HMP-10
MOLDBOARD LENGTH	9'	10'
MOLDBOARD HEIGHT	36"	36"
MOLDBOARD GAUGE	3/8 POLY	3/8 POLY
VERTICAL RIBS	7	7
NO. OF TRIP SPRINGS	6	6
CUTTING EDGE	1/2" x 6"	1/2" x 6"
PLOWING WIDTH AT FULL ANGLE	93"	103"
SECTOR	15"	15"
POWER ANGLING RAMS	2" x 12"	2" x 12"
*AVERAGE PLOW WEIGHT COMPLETE	1222 lbs.	1271 lbs.

\*weight is based on average depending on specific mounting

## HEAVY MUNICIPAL SERIES



Model HML-10

For Chevy/GMC trucks model HD3500 and 4500/5500  
and Ford F-450, F-550

### SPECIFICATIONS

SNOW PLOW MODEL	HML-10
MOLDBOARD LENGTH	10'
MOLDBOARD HEIGHT	32"
MOLDBOARD GAUGE	7
VERTICAL RIBS	7
NO. OF TRIP SPRINGS	6
CUTTING EDGE	1/2" x 6
PLOWING WIDTH AT FULL ANGLE	103"
SECTOR	15"
POWER ANGLING RAMS	1 1/2" x 10" 1 1/2" x 12"
WEIGHT COMPLETE	1,020 lbs.

\*weight is based on average depending on specific mounting  
\*for use with MDII and EZ Mount Systems



Aggressor Models AG-10, AGP-10, AGC-10

For vehicles up to 33,000 GVW

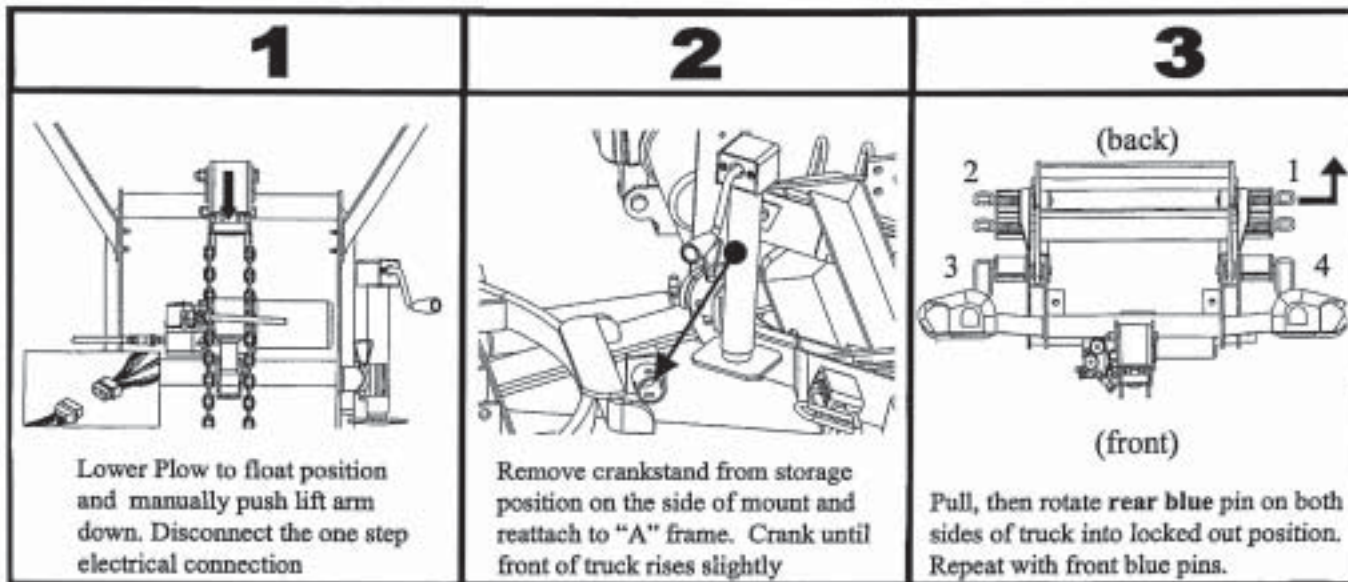
### SPECIFICATIONS

SNOW PLOW MODEL	AG-10	AGP-10	AGC-10
MOLDBOARD LENGTH	120"	120"	120"
MOLDBOARD HEIGHT	36"	36"	36"
MOLDBOARD GAUGE	10	3/8" POLY	10
VERTICAL RIBS	8	8	8
NO. OF TRIP SPRINGS	6	6	6
CUTTING EDGE	1/2" x 6"	1/2" x 6"	1/2" x 6"
PLOWING WIDTH AT 35° ANGLE	98"	98"	98"
POWER ANGLING RAMS	2-1/2" x 11-1/2"	2-1/2" x 11-1/2"	2-1/2" x 11-1/2"
*AVERAGE PLOW WEIGHT COMPLETE	1600 lbs. w/o options	1590 lbs. w/o options	1610 lbs. w/o options

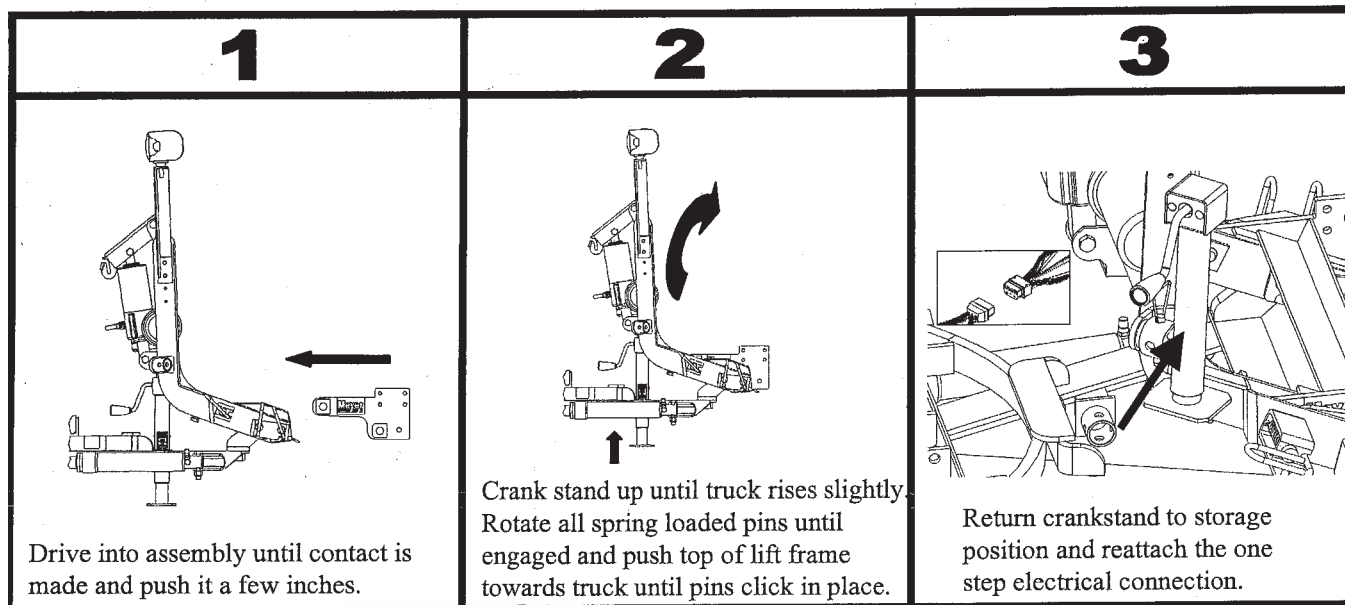
\*weight is based on average depending on specific mounting

# Meyer® MD II™ Snow Plow Instructions

## CHOICE 1: Removing MDII (Entire Mount)

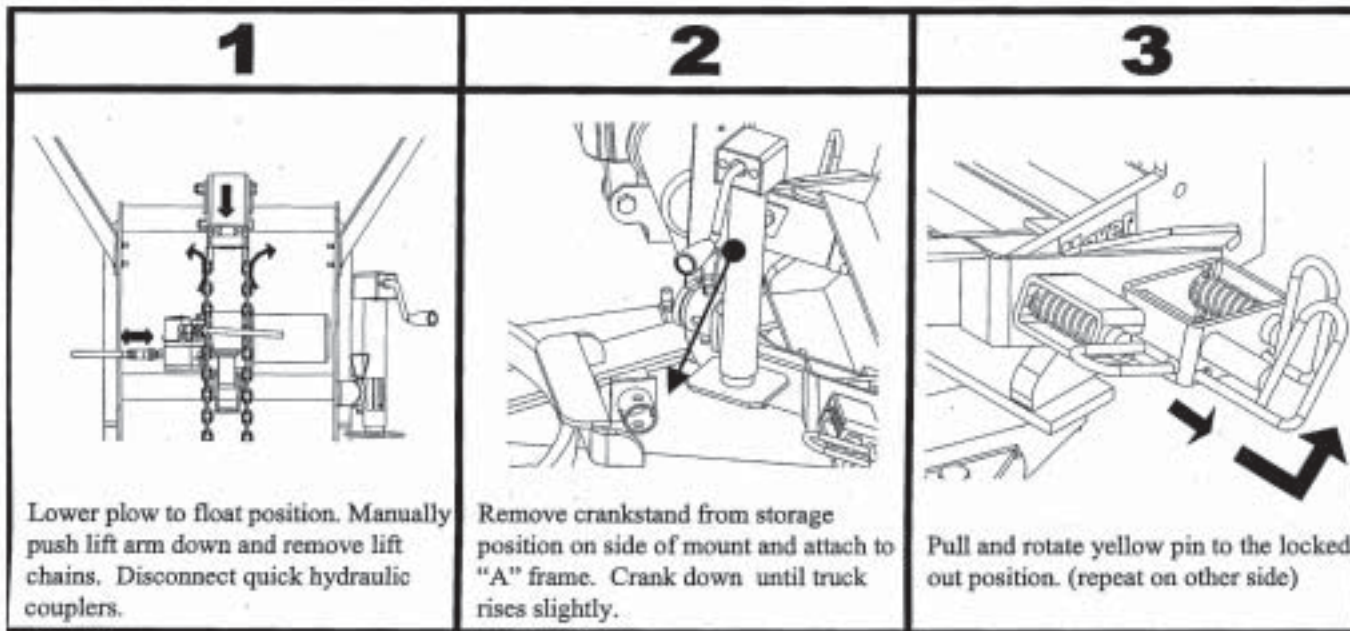


## CHOICE 1: Attaching MDII (Entire Mount)

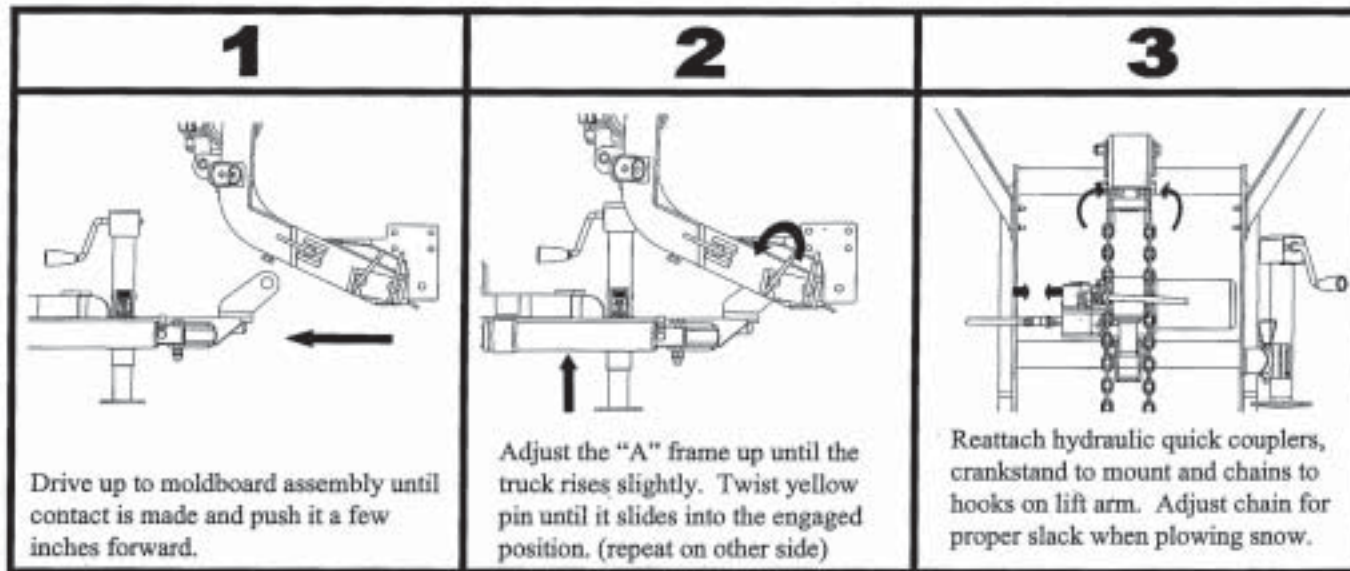




## CHOICE 2: Removing MDII (Moldboard Only)



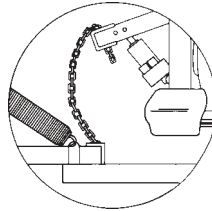
## CHOICE 2: Attaching MDII (Moldboard Only)



# Snow Plow Operation

## Removing Moldboard Assembly (EZ Mount)

1. Be sure moldboard is on ground! The chain can have a small amount of tension to help support the back of the A-Frame.
2. Remove two hinge pins from A-frame at center hole in clevis frame.
3. On snow plows equipped with power angling, uncouple hydraulic hoses and interconnect hydraulic quick couplers to prevent contamination.
4. Lower lift ram all the way and detach chain from lift arm. Reverse the above procedure to reattach snow plow to vehicle.
5. **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.**



### ADJUSTING CHAIN FOR PROPER SLACK WHEN PLOWING SNOW

1. Be sure moldboard is on ground and A-frame is reattached at **center hole** in clevis frame.
2. Be sure lift piston is fully retracted.
3. Hold chain taut and choose the third link above lift arm, place that link in lift arm locking groove. This procedure will provide the proper amount of slack when snow plowing for the moldboard to

follow the contour of the ground. You may wish to mark that link with paint or tape for easy identification. Due to the differences in vehicle ride heights, extra chain links may vary in length. **To prevent the extra chain links from causing damage, remove or secure the chain links together using an electrical tie strap.**

## Electro-Touch Control

The snow plow should only be in operation when the vehicle ignition switch and the **Electro-Touch®** control switch are in the "ON" position. Care should be taken to insure that the **Electro-Touch®** control switch is kept dry and free from moisture during normal operation.

When the **Electro-Touch®** control switch is turned "On," yellow lights illuminate the location of the individual touch pads for the functions of the snow plow: (Up), (Angle Left), (Angle Right), and (Down).

Lowering of the snow plow an inch at a time is possible by tapping the down arrow in short intervals. Holding down the down arrow will activate a green light located in the upper left corner of the **Electro-Touch®** switch. This green light indicates the snow plow is now in the Lower/Float position. In this position the snow plow will be able to follow the contour of the road and the snow plow can also be angled to the left or right. Touching the up arrow automatically cancels the Lower/Float position.



This switch is short circuit and temperature protected. All wire connections must be securely plugged together. If any of these conditions exist, the red overload LED will light. The overload LED (red light) is located in the upper left corner below the float light of the **Electro-Touch®** switch. Reset is accomplished by turning off the ignition switch or by turning the power switch off momentarily and then back on. If an overheating temperature condition exists, it will

be necessary to allow the unit to cool down for approximately 2 minutes. If the overload light is still illuminated after attempts to reset the switch have failed, contact your nearest authorized Meyer Distributor for repairs.

**Note:** On Model E-60 only to regulate the lower speed, locate the lower adj. screw on Page 20, Fig. 0-3. Turn adj. screw in to slow down or out for faster lower speed. **Adjustments must be made with moldboard on the ground.** This feature is **not** available on model E-57.

**CAUTION: When the snow plow is not in operation, the Electro Touch® Control Switch should be in the "OFF" position.**

## Over-the-Road Operation

### WARNING

Based on the experience of our representatives and other background, we advise a maximum transporting speed of 40 m.p.h. or locally regulated speeds, whichever is less, dependent upon road conditions. The operators should, of course, maintain a safe stopping distance and adequate passing clearance at all times.

When transporting the snow plow to avoid engine overheating, angle the moldboard completely, carrying it as low as permitted for safety by road and surface conditions.

## General Maintenance

Meyer Products recommends this maintenance information for regular service. Sustained heavy operation may call for more frequent service. Snow plowing subjects a vehicle to exceptionally rugged use. As a result, it is important to inspect and bring the snow plow and vehicle up to maximum operating conditions. **Inspection should be made of both the vehicle and snow plow prior to the plowing season and after each use.**

**IMPORTANT: Maintenance and repairs should be performed with the moldboard on the ground.**

### Pre-Season Maintenance

Scheduled vehicle maintenance should be performed as recommended by the manufacturer.

Don't forget that in addition to keeping equipment in order:

1. Keep windshield wipers, heaters and lights working.
2. Use emergency flasher lights for increased visibility and safety. Meyer offers as standard equipment quartz halogen snow plow lights for even brighter illumination.
3. Equip vehicles with chains where necessary.
4. Provide operators with protective clothing and with rubber gloves for handling snow melting chemicals.

**VEHICLE ELECTRICAL SYSTEM** — For maximum efficiency, the vehicle supporting the snow plow must be properly serviced. The system should consist of at least a 70 amp/hr. battery and a 60 amp alternator. Be sure to check regularly:

1. Battery terminals to assure they're clean and free of corrosion.
2. Electrical connections, to assure they're tight and corrosion-free. Taping may be called for. All wires must be held clear of moving or hot engine parts or sharp sheet metal.
3. Battery must be in top operating condition.
4. Alternator and regulator, to assure maximum electrical output.

### SNOW PLOW

**NOTE: Always lower moldboard to ground when vehicle is not in use. Check the Electro-Touch® Diagnosis Chart, page 16-17, and Post Season Maintenance, page 19, for advice on maintaining the unit.**

1. Check and maintain hydraulic fluid reservoir level to 1" - 1-1/2" from top cap. Oil level should be checked with lift ram in the down position.
2. Check entire hydraulic system for leaks. A significant drop in hydraulic fluid level is evidence of a leak which must be corrected to prevent serious damage. See page 20.
3. Before and after each season, remove sector pivot pins, thoroughly grease pivot tubes and reinstall pins. Lubricate all pivot points with chassis lube.

4. **ADJUSTING TRIP SPRING TENSION** - Tighten top locknut 4 turns beyond the point when spring coils begin to separate. Tighten bottom locknut to hold eye bolt in position as shown.



5. **RUNNERS**

A. Inspect moldboard runners for wear and height adjustment.

B. Always replace runners as soon as they start to wear through.

C. Adjust the runners to maintain cutting edge height of 1/2" above ground in snow plowing position. (Can be set higher when used on gravel driveways).

6. **CUTTING EDGE**

Replace the cutting edge as soon as it appears worn approximately 4" on either corner. This will prevent permanent damage to the moldboard.

7. **MOUNTING BOLTS**

Retighten all mounting bolts after first snow plowing session and at regular intervals through the season.

8. **SECTOR-SHEAR PIN - Manual Angle Only**

The Meyer sector-shear pin is specially engineered to shear under

high impact conditions to protect the snow plow, vehicle and operator. Do not substitute with a bolt or other equipment which may not shear correctly.

Meyer Snow Plows with power angling do not have sector-shear pins. Instead, the crossover relief system assures safety under severe impact.

9. **SNO-FLO® POWDER COATING**, both black and yellow, should be checked at the beginning and end of each season for any signs of rust. If any exists, use Meyer special Sno-Flo® powder coat touch-up available in spray cans.

**NOTE: PROTECTION AGAINST RUST AND CORROSION**

When the power unit is not used for extended periods, **protect the chromed lift piston by fully extending and coating it with chassis lubricant.** On power angling models, coat the exposed portions of the power angling cylinder rods with chassis lubricant to protect against corrosion.

## Post Season Summer Maintenance

1. **Draining & Replacing Meyer M-1 Hydraulic Fluid**

Drain fluid through drain hole in base, shown in Figure 0-3, by completely retracting cylinder lift position and unbolting unit to pour fluid out, or use a suction pump. On models without drain plug, fluid must be drained by removing filler plug and turning unit upside down. Follow same procedure of retracting cylinder lift piston. On Power Angling models, disconnect the fittings at the Power Angling cylinders, completely retract the cylinder rods and purge cylinders and hoses of all hydraulic fluid. The complete hydraulic system should then be flushed out with Meyer Hydra-Flush before adding new Meyer Hydraulic Fluid.

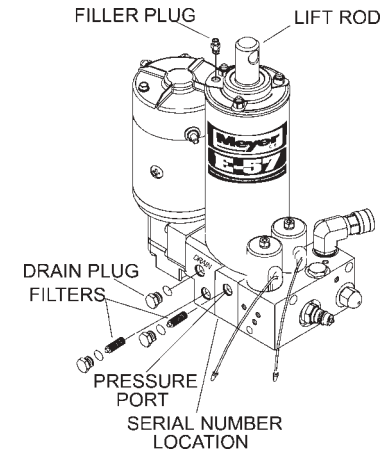
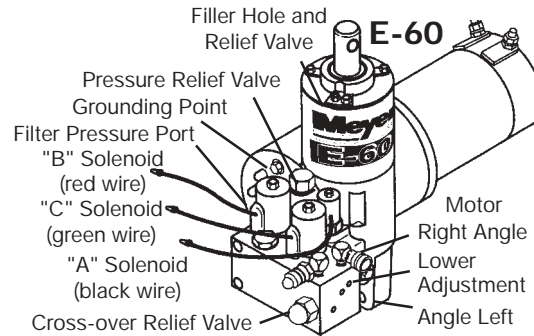
2. **Screen-Type Filters** - Clean the filters (all models) with mineral spirits or equivalent and blow out with compressed air. See Figure 0-3.

3. **Meyer Hydraulic Fluid M-1** is specially formulated with an anti-ice additive for almost constant viscosity in subzero temperatures. Because it is free-flowing in extreme cold, the unit's performance and efficiency are not affected by winter weather. It is effective for a maximum of one year. Always carry an extra quart of Meyer Hydraulic Fluid M-1 or equal fluids. Use of any inferior fluids will void the Meyer warranty.
4. Refill power unit with Meyer Hydraulic Fluid M-1 by fully retracting lift piston and filling reservoir to 1-1/2" below the filler hole. On Power Angling models, fill and bleed hoses and Power Angling cylinders by loosening hydraulic fittings at cylinders until they leak. Power angle the plow repeatedly from one side to the other until fluid flows steadily from the fittings while maintaining a constant check on the reservoir fluid level. The filling end of the cylinder should be higher than the piston end to facilitate removal of air. Raise and lower the plow several times. With lift rod fully retracted check fluid level and replace filter plug.

4. Coat all pivot pins and other wear points with chassis lubricant.
5. Unplug all electrical connections at power unit. Coat all connections with a dielectric compound to prevent corrosion and plug into their corresponding weather plugs. Unplug the snow plow lights, tape or use a dielectric compound at light connections to prevent corrosion.
6. Remove EZ Mount® lift frame module from vehicle. Liberally coat insides of clevis frame receiver tubes and ends of lift frame with chassis grease/anti-seize lubricant. Protect clevis frame receiver tubes from dirt and other types of contamination by installing the receiver tube caps when the lift frame is removed from the vehicle.
7. **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.**

**SNOW PLOW STORAGE**

1. When snow plow is disconnected, **extend lift cylinder to end of stroke and coat chrome rod with light grease.** This fills the cylinder with hydraulic fluid and protects the interior and exterior from rust and corrosion.
2. Whenever Moldboard is disconnected, coat the exposed portions of the power angling cylinder chrome rods with light grease to protect them from corrosion.
3. Be sure to reconnect quick couplers at the P.A. Rams and plug in weather plugs on Hydraulic Unit to keep them clean and prevent contamination of the system.



**FIGURE 0-3**

# DIAGNOSTIC FLOW CHART FOR HYDRAULIC POWER UNITS

These charts are intended to be used as an aid in diagnosing problems on Meyer Hydraulic Power Units. They are not a substitute for factory training and experience. Be certain to read the General Information and Testing Tips sections before attempting any troubleshooting. Additional detailed information as well as all electrical schematics may be found in Service Manuals 1-667 (E60, E60H) and 1-562 (E46, E47, E57).

## GENERAL INFORMATION

Before any troubleshooting is started, make certain the following conditions are met.

1. The moldboard is pointing straight ahead. This can often be done by coupling the hose from the left cylinder into the right cylinder and pushing the snow plow by hand.
2. The power angling cylinders must be installed correctly. The left cylinder has a hose with a male half of a coupler attached while the right cylinder only has the female half of a coupler attached. Reverse them if installed on wrong side.
3. The solenoid coils must be on their proper valve. The "C"- coil (green wire) must be located on the valve closest to the power angling hoses. The "B"-coil (red wire) is positioned on the valve furthest from the power angling hoses. The "A" coil (black wire) is smaller in diameter and is easily located on the E-60 power unit. On the E-57 power unit, the "A" coil (black wire) is located on the back side of the unit.
4. The electrical installation must have been made according to instructions supplied by Meyer Products.

## TESTING TIPS

Many tests do not require removing the Power Unit from the vehicle. However, more thorough testing can be done by using the Meyer Test Stand which allows direct pressure and Amperage readings.

1. Use a screwdriver or other small tool to check for magnetism of solenoid coils "A", "B" & "C". Place the tool on the nut securing the coil and have an assistant operate the switch. You should feel strong magnetic attraction.
2. Use a test light or volt meter to determine whether there is power at harness or switches.
3. When determining Ampere draw of motor, always obtain the highest value possible, i.e., at maximum raise or angle with motor running.
4. Proper rotation for motor is indicated by an arrow on the top of the E-47 pump.
5. The pump shaft (all models) of a good pump can be turned smoothly using two fingers. If it can't be turned easily, the pump is too tight and must be replaced.
6. Pump pressure can be measured at an angle hose (note pressure at full angle) or in the pressure filter port (an adapter is necessary for the filter port). (See Figure 0-3.)
7. If hydraulic system is contaminated it is recommended that the hydraulic unit, power angling rams and hoses be drained and flushed clean. The system should then be refilled with Meyer M-I oil. See pages 19-20.

# Hydraulic Power Unit Diagnosis

MODEL	CONDITION	POSSIBLE CAUSE	CORRECTION
All Power Angling Models	Plow does not lift or lifts slowly — motor operates.	<ol style="list-style-type: none"> <li>1. Low hydraulic fluid level.</li> <li>2. Discharged battery.</li> <li>3. Leaking or open "A" cartridge.</li> <li>4. No current to "B" coil. (red wire)</li> <li>5. Inoperative "B" coil. (red wire)</li> <li>6. Malfunctioning motor.</li> <li>7. Malfunctioning pump.</li> </ol>	<ol style="list-style-type: none"> <li>1. Add fluid to proper level.</li> <li>2. Recharge battery.</li> <li>3. Clean or replace "A" cartridge.</li> <li>4. Locate malfunction and repair.</li> <li>5. Replace "B" coil. (red wire)</li> <li>6. Repair or replace motor.</li> <li>7. Replace pump.</li> </ol>
All Power Angling Models	Plow does not angle right — motor operates.	<ol style="list-style-type: none"> <li>1. Improper coupler engagement.</li> <li>2. Mechanical bind or interference.</li> <li>3. Malfunctioning coupler.</li> <li>4. No current to "C" coil. (green wire)</li> <li>5. Inoperative "C" coil. (green wire)</li> <li>6. Inoperative "C" cartridge.</li> <li>7. Leaking or open crossover relief valve.</li> </ol>	<ol style="list-style-type: none"> <li>1. Engage coupler properly.</li> <li>2. Eliminate mechanical bind or interference.</li> <li>3. Repair or replace coupler.</li> <li>4. Locate malfunction and repair.</li> <li>5. Replace "C" coil. (green wire)</li> <li>6. Clean or replace "C" cartridge.</li> <li>7. Clean or replace crossover relief valve.</li> </ol>
All Power Angling Models	Plow does not angle left — motor operates.	<ol style="list-style-type: none"> <li>1. Improper coupler engagement.</li> <li>2. Mechanical bind or interference.</li> <li>3. Malfunctioning coupler.</li> <li>4. Leaking or open crossover relief valve.</li> </ol>	<ol style="list-style-type: none"> <li>1. Engage coupler properly.</li> <li>2. Eliminate mechanical bind or interference.</li> <li>3. Repair or replace coupler.</li> <li>4. Clean or replace crossover relief valve.</li> </ol>
All Power Angling Models	Plow will not angle — motor operates.	<ol style="list-style-type: none"> <li>1. Improper coupler engagement.</li> <li>2. Mechanical bind or interference.</li> <li>3. Leaking or open crossover relief valve.</li> </ol>	<ol style="list-style-type: none"> <li>1. Engage coupler properly.</li> <li>2. Eliminate mechanical bind or interference.</li> <li>3. Clean or replace crossover relief valve.</li> </ol>
All Power Angling Models	Plow will not hold in angled position.	<ol style="list-style-type: none"> <li>1. Air in cylinders and hoses.</li> <li>2. Leaking "C" cartridge O-rings.</li> <li>3. Leaking or open pilot check valve.</li> <li>4. Leaking crossover relief valve.</li> <li>5. Crossover relief valve opening at too low a pressure.</li> </ol>	<ol style="list-style-type: none"> <li>1. Bleed cylinders and hoses. Tighten P.A. cylinder gland nut.</li> <li>2. Replace O-rings.</li> <li>3. Clean or replace pilot check valve.</li> <li>4. Clean or replace crossover relief valve.</li> <li>5. Replace crossover relief valve.</li> </ol>



## Hydraulic Power Unit Diagnosis

MODEL	CONDITION	POSSIBLE CAUSE	CORRECTION
All	Motor does not operate.	<ol style="list-style-type: none"> <li>1. Discharged or defective battery.</li> <li>2. Loose or corroded electrical connections.</li> <li>3. Inoperative starter solenoid.</li> <li>4. Malfunctioning control switch.</li> <li>5. Malfunctioning motor.</li> </ol>	<ol style="list-style-type: none"> <li>1. Recharge or replace battery.</li> <li>2. Clean and tighten electrical connections.</li> <li>3. Replace starter solenoid.</li> <li>4. Replace control switch.</li> <li>5. Repair or replace motor.</li> </ol>
All	Plow does not lower.	<ol style="list-style-type: none"> <li>1. No current to "A" coil. (black wire)</li> <li>2. "A" cartridge jammed in closed position.</li> <li>3. Inoperative "A" coil. (black wire)</li> </ol>	<ol style="list-style-type: none"> <li>1. Locate malfunction and repair.</li> <li>2. Clean or replace "A" cartridge.</li> <li>3. Replace "A" coil. (black wire)</li> </ol>
E-46 E-46H	Plow creeps down.	<ol style="list-style-type: none"> <li>1. Leaking "A" cartridge.</li> <li>2. Leaking "A" cartridge O-ring.</li> <li>3. Leaking Pump Check Valve.</li> <li>4. Leaking Ram Packing Cup.</li> <li>5. Leaking O-ring at bottom of lift cylinder.</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean or replace "A" cartridge.</li> <li>2. Replace O-ring.</li> <li>3. Clean or replace Pump Check Valve.</li> <li>4. Replace Ram Packing Cup.</li> <li>5. Replace O-ring.</li> </ol>
E-46 E-46H	Plow does not lift or lifts slowly — motor operates.	<ol style="list-style-type: none"> <li>1. Low hydraulic fluid level.</li> <li>2. Discharged battery.</li> <li>3. Loose or corroded electrical connections.</li> <li>4. Leaking or open "A" cartridge.</li> <li>5. Malfunctioning motor.</li> <li>6. Malfunctioning pump.</li> </ol>	<ol style="list-style-type: none"> <li>1. Add fluid to proper level.</li> <li>2. Recharge battery.</li> <li>3. Clean and tighten electrical connections.</li> <li>4. Clean or replace "A" cartridge.</li> <li>5. Repair or replace motor.</li> <li>6. Replace pump.</li> </ol>
All Power Angling Models	Plow creeps down.	<ol style="list-style-type: none"> <li>1. Leaking "A" cartridge.</li> <li>2. Leaking "A" cartridge O-ring.</li> <li>3. Leaking "B" check valve.</li> <li>4. Leaking ram packing cup.</li> <li>5. Leaking O-ring at bottom of lift cylinder.</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean or replace "A" cartridge.</li> <li>2. Replace O-ring.</li> <li>3. Clean or replace "B" check valve.</li> <li>4. Replace ram packing cup.</li> <li>5. Replace O-ring.</li> </ol>

# Efficient Snow Clearance Starts with Planning

## PREPARING AREAS, USE OF GUIDE MARKERS

Every area to be plowed should be inspected before snowfall for potential hazards. Holes should be repaired, raised manhole covers leveled or noted and obstructions noted to prevent damage to the plow mounting or vehicle undercarriage.

Markers or stakes with reflectors should be in position to indicate boundaries of areas to be plowed, location of shut-off valves, catch basins and other hazards. Markers should be at least three feet above the ground; higher in areas of deeper snowfall.

The first step in organizing an efficient plan is to prepare a map or procure a blueprint of the area. Locate and mark all utilities, outlets, shutoffs, catch basins and possible emergency equipment that must be reached from outside. Figure the square footage of each area and the total area. Especially note areas from which snow will have to be carried, call "trapped" areas. Although hauling is expensive, it is necessary where piled snow would limit access. Indicate clearing priorities on your map.

This may aid you in preparing a priority plan for your clearance operation.

## KEEP SNOW UNDER CONTROL

Deep or heavy, wet snow, because of its increased weight, calls for more skillful and powerful plowing than light powder snow.

**Always plow in low gear and keep plowing.** Heavy snow may also require clearing a path or area for working room to move snow to another area. Remember that wet snow weighs about 12 pounds per cubic foot. As it piles up in front of a snow plow blade, the weight can quickly increase to several tons.

Where packed snow or ice must be plowed, it is sometimes necessary to lower the cutting blade to rest directly on the road surface. In that situation, plow in lowest gear for greatest power to the cutting edge. This method also prevents the plow from "climbing over" the icy surface.

If plowing very deep snow, 12 inches or more, you may have to plow with the blade partially raised to shear off successive layers of snow until a working area is clear. Then work small "bites" into the edge. The "bite" depth should be inversely proportional to the snow depth. A rule of thumb: 6-inch snow may be plowed with the entire blade width; 9-inch snow with 3/4 of the blade width; and 12-inch snow with only 1/2 of the width. Experience will show what work can be done without stalling or getting stuck.

## SELECTING EQUIPMENT

Where you plan to plow, and the conditions under which you will be plowing, determine to a great extent the type of vehicle you'll find most useful. In general, three types of vehicles are available as the power source of snow clearance. Each type has certain inherent advantages depending upon the particular situation.

Four-wheel drive UTILITY VEHICLES and TRUCKS have proven most effective in general snow plowing situations. They have excellent traction and maneuverability and are extremely easy to handle.

Two-wheel drive TRUCKS, particularly those of 1-1/2 to 3 tons, are best for straight line road clearance and in large open areas.

TRACTORS are effective for trapped areas in which visibility is limited, plus a rear grader blade can be used in conjunction with the Meyer Snow Plow.

Meyer Snow Plow's custom design for specific vehicles provides the advantage of easy, fast attaching and detaching. This feature permits utilization of vehicle versatility as weather conditions and job requirements demand.

20 m.p.h. is recommended as a maximum snow plowing speed under ideal conditions, assuming the driver is familiar with the roadway or area to be cleared. Under unfamiliar or hazardous conditions, or if there is poor visibility, we recommend reduced speed and extreme caution.

Careful analysis of the area you intend to clear of snow will direct you to the types of equipment you'll require. Check Table 1, Average Hourly Snow Clearing Capacities, for recommended equipment depending upon the area in which you'll be working.

Then, match the vehicles you already have with the snow removal equipment you need. If your vehicles do not have the capacity to clear all major access areas within two hours, you should increase clearing capacity with additional equipment or arrange for assistance through a contract plowing service.

**AVERAGE HOURLY SNOW CLEARING CAPACITIES\***  
**TABLE 1**

	Snow Plow Size	Open Area (sq. ft.)	Trapped Area (sq. ft.)	Straight Line (no. of miles of roadway cleared in 2 passes)
Tractors	7 foot	33,000	25,000	2 1/2 miles
4 Wheel Drive Utility Vehicles	6 1/2 foot	53,000	21,500	5
Trucks				
1/2-1 Ton (2 WD)	7 - 7 1/2 foot	38,000	19,000	4
(4 WD)	7-8 foot	88,000	42,500	6
1 1/2 - 2 Ton	8 1/2 - 9 foot	67,500	30,000	7 1/2 **
2 1/2 - 3 Ton	10 foot	67,500	-	10 **

\* Based upon regional interviews with knowledgeable contractors

(6" snowfall cleared by operators with average ability).

\*\* Based upon recommended maximum plowing speed of 20 mph.

- Not recommended for use, except in very large areas of this type.

Use 1 1/2 ton figures if necessary.

## Plow with the Storm

It is of utmost importance to remember one basic rule -- Always plow with the storm. Start plowing when snow is 1 to 4 inches deep, depending upon traffic or other limitations. Heavy wet snow can be very hazardous when just 1 inch is on the ground. Accumulations of more than 4 inches can be very difficult to clear.

**Angle Moldboard for Optimum Results.** You will not be able to plow snow of any significant depth straight ahead for more than a short distance. Set the moldboard at the best angle for rolling snow sideways in the desired direction. The snow plow



26

path, in the angled position, should exceed the tire track by at least six inches on either side. Be sure to have enough slack in the lift chain while plowing so the cutting edge of the moldboard can follow the ground contour. Use the adjustable runner shoes to set the bottom edge of the plow just above the ground for best operation.

It's important to recognize the significance of even a few inches of snow. Besides being slippery, especially when wet, snow can be extraordinarily heavy, and make auto travel impossible. Snowfall of just 1 to 3 inches will produce hazardous traffic and roadway conditions even for experienced drivers.

Snow is heaviest when wet, and most difficult to handle. The National Weather Service reports that a 6-inch, average weight snowfall on a 200 x 200 foot parking lot weighs 62 tons. Heavy, wet snow for the same area might weigh as much as 248 tons. If the heavy snow had to be hauled away, you'd need 74 full loads on a 10-yard truck.

Obviously, the only way to assure clear traffic areas is to be prepared with the proper equipment and expertise to open arteries and areas to traffic. Remember to keep current with accurate snowfall information from local weather bureaus via radio and television.

## Two Established Snow Clearance Plans

These two snow plowing techniques have been time- and operation-tested. Use them as guidelines for most snow plowing strategies. Plan I is for smaller areas of 50,000 sq.ft. or less. Plan II is for larger establishments having more than 50,000 sq.ft. to be cleared.

### PLAN I (less than 50,000 sq. ft.)

Recommended equipment: A four wheel drive vehicle; a ST-7 or ST-7.5 snow plow; snow shovels; and ice control equipment.

Recommended procedure: **PLOW WITH THE STORM.**

Begin plowing at the suggested accumulation for your type of establishment (i.e., 1" for commercial and institutional areas; 2" for industrial establishments; 3" for municipal and residential areas.) Continue until snow has been cleared. Don't forget - snowfall often surpasses weather forecasts. A well planned clearing schedule will help prevent the necessity for expensive emergency action.

#### A typical small-area strategy:

1. Keep in touch with local weather forecasts for preparatory measures.
2. Notify scheduled personnel.

3. Have vehicles and equipment inspected, fueled and ready.
4. Clear area by pushing snow first to sides of drives, around perimeters of parking areas and away from loading docks and platforms. It is often true that the smaller the establishment, the greater the proportion of "trapped" areas which will require snow to be hauled away. Always deposit snow as far back as possible for greatest use of dumping areas.
5. Use snow shovels to clear walks, gates and doorways.
6. Treat with snow-melting materials as needed.

### PLAN II (over 50,000 sq.ft.)

Recommended equipment: The suggested number of vehicles, according to the Table "Average Hourly Snow Clearing Capacities", on page 25, with ST-7 to HM-10 snow plows; front end loaders if needed; snow shovels and ice control equipment.

Recommended procedure: As always, **PLOW WITH THE STORM.** Begin plowing at the suggested accumulation for the area and continue as required. Actual snowfall frequently exceeds forecasted conditions. Well-planned snow clearance strategy reduces the chances for expensive emergency action.

# Snow Plowing Tips from the Pros

## SNOW PLOWING OPEN AREAS

Open areas such as parking lots require a more serious approach to planning, where to begin, and where snow can be stacked at the edges. The following will help in making a plan, thus turning out a neat, professional job.

Always turn on warning flashers and/or use yellow warning beacon or strobe light when plowing. Then make a single pass down the center on the longest dimension. Angle plow the snow toward the long sides with continuous passes until the area is cleared and snow is all stacked around the outside edges.

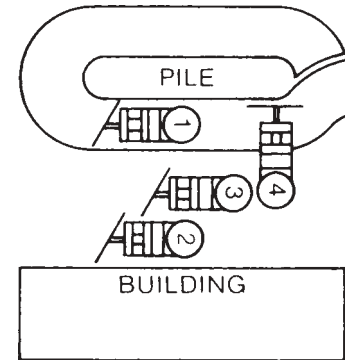
For larger areas, efficient plowing calls for clearing area immediately in front of buildings and working away from buildings toward the outer limits of the area. When snow is quite deep, it might be necessary to push the excess into piles out of main traffic lanes for later handling. Areas 100,000 sq.ft. or more -- once the main artery is clear, it is usually most efficient to plow at right angles to the artery, piling up windrows by back and forth passes in alternate lanes. The windrows can later be pushed out of the way or left as is depending upon conditions.

To clean up remaining snow, you can put the blade in the straight position. Buck piles from either side to stack snow. The blade will automatically "ride" up the pile to make stacking easier.

On a dirt or slag surface, drop moldboard to ground in straight position, then raise one inch or adjust runners for desired clearance. Under extreme surface conditions it may be necessary to plow with moldboard in suspended position.

## PARKING LOTS

1. Always turn on warning flashers and/or use yellow warning beacon or strobe light when plowing.
2. Make first pass to clear area into which you will later push more snow.
3. Clear front in straight position and clean up remaining snow. Buck piles from either side to stack snow. Blade will automatically "ride" up pile to aid in stacking.



### STRAIGHT LINE SNOW PLOWING

This method is most efficient for drives, streets, roads and walkways. Moldboard type blade snow plows mounted on utility vehicles or service trucks are best for such an operation.

Set the snow plow moldboard at an angle so that the snow is rolled to the shoulder or curb.

Single lane walks, roads and aisles can often be cleared with one pass.

When the road is more than twice the moldboard's width, plow a center lane for the first full pass. Then, in follow-up passes, work the snow to the sides. The diagram illustrates plowing sequence for a typical 20-foot road.

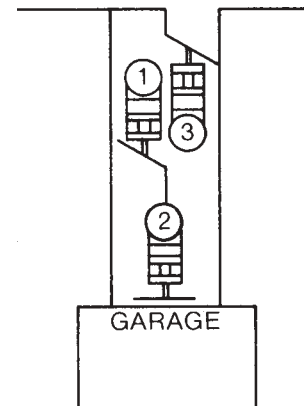
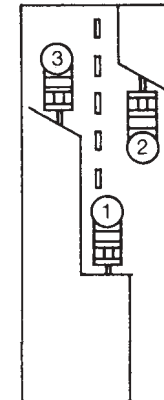
Corner clearing is almost automatic when clearing intersecting streets. When snow is heavy, a little "stop over" snow may have to be removed from intersections by additional short passes.

We recommend a speed of 5 to 15 MPH for this kind of plowing. Of course, road surface, weather conditions and equipment will influence your speed.

**Plow with the storm.**

### WIDE DRIVEWAY

1. Make one pass down center with blade in straight position.
2. Push snow to side with moldboard angled.
3. Do the same on either side.



### DRIVEWAYS

1. Plow toward garage pushing snow to one side.
2. Set blade to straight position, lift it as high as possible and drive through snow to garage. Drop blade and back drag to street.
3. Back into driveway and angle blade again. Use as many passes as necessary to clear drive.

### **BACK DRAGGING:**

**WARNING:** Use caution when back dragging. Runners can catch on objects causing damage to the equipment or the plowing surface. To reduce the risk of damage, remove or raise runners when back dragging.



### **CLEARING TRAPPED AREAS**

Areas where there is little or no space for stacking cleared snow are considered "trapped." An example is an area requiring full access from surrounding buildings. Snow plowing techniques are the same as for any other space of comparable size, but heavy accumulations must be piled for removal by truck.

### **CLEARING RESIDENTIAL AREAS**

Driveways and aprons are most efficiently cleared by maneuverable four wheel drive vehicles. Recommended procedure is to enter the driveway rolling snow away from the residence. Stop about two-thirds of the way in, set the blade in bucking position, lift as high as possible, then drive through the snow to the garage. Drop the blade and back drag to the street. Turn around, back into the cleared path to the garage, reset the blade angle and continue rolling snow away from the house. Complete as many passes as necessary to clear the snow.

### **STACKING**

When snow clearance conditions are perfect, snow can be merely pushed out of the way to unused areas. The first storm of the season, plow back from the drive area to allow space to pile future snowfall. It is usually necessary to pile snow up to considerable heights. In that case, **push the snow forward and upward by raising the snow plow as you move into the pile.** The vehicle's momentum will carry the plow into the pile, avoiding equipment damage. The pile should slope outward, so later snows can be pushed upward. **WARNING: Stacking snow or pushing up into high snow piles with the plow in Lower/Float or Angled position can cause damage to the Snow Plow components or the vehicle that will not be covered under the Meyer Products Warranty Program.** Such damage may include, without limitation, twisting the A-Frame, the Moldboard hitting the Lift Arm, or the Plow Markers striking the vehicle.



## Minerals and Chemicals for Snow and Ice

Except in very light snow, ice melting materials should never be used in place of snow plowing. However, in combination with trained personnel and equipment, ice melting materials play an important part in controlling ice and snow. Whenever possible, apply ice melting materials before a snowfall. You'll use less, and it will be less damaging for the environment. You may have to increase the use of ice melting materials at night and as temperatures fall.



THE MEYER INSERT HOPPER SPREADER

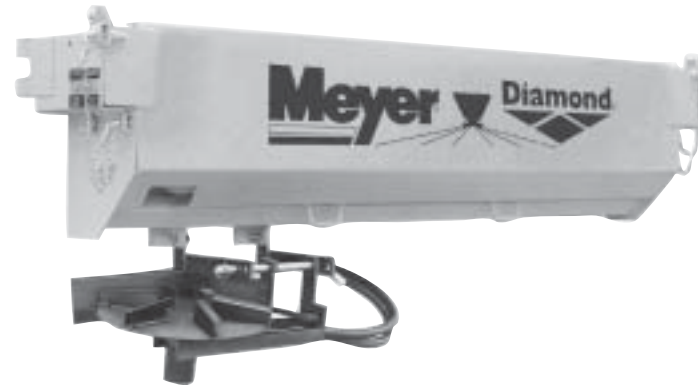
Experts agree a mixture of two parts mixed ice melting materials (1:3 calcium chloride to salt, by weight) mixed with one part abrasive (cinder, sand or slag) is more effective than rock salt in melting snow and ice below 30°F. One hundred fifty pounds of such mixture with abrasives will treat a 50,000 sq.ft. surface.

It is imperative to treat priority areas such as hills, heavy traffic areas, bridges and intersections first, especially where snow may compact and adhere to the road surface, causing icy road conditions. When slush begins to stiffen and refreeze, it will be necessary to plow again and reapply ice melting materials.



### **Meyer Mate**

The Meyer Mate is constructed of thermoplastic without the added weight of a steel frame. The motor is enclosed in the thermoplastic to protect it from the elements while the built in vibrator allows the free flow of materials. The 9 cu. ft. spreader is capable of spreading salt, sand, salt/sand mixture or calcium chloride from 3' to 30'. Attaching the Mate requires no tools or drilling. It uses the existing ball hitch hole and a nylon ratchet strap to clamp the spreader to the tailgate face.



### **Under-Tailgate Spreader**

An extremely rugged truck accessory, the Under-Tailgate Spreader is offered in two models: a single auger or for ultimate efficiency dual augers; each spreads cinders, sand, salt or pea gravel. Attaches easily under the tailgate of any standard dump truck, yet will not obstruct dumping over the spreader. The spinner is always in spreading position and can be operated with the truck moving backward or forward. Also available in stainless steel and direct drive.



### Insert Hopper Spreader

The Meyer 1.8 & 2.0 cubic yard capacity V-box spreader for pickup trucks mounts and stores as a single unit. This mechanically-operated spreader is powered by an electric start 10.5 H.P. gas engine, which drives a high torque orbital-type motor and a 20:1 ratio gearbox. Spinner and drag chain speeds work in unison with engine R.P.M. The spinner will evenly spread material from four (4) to thirty (30) feet. In-cab controls make operation easy. Stainless steel hopper also available.



### Mini Jr,

The Meyer Mini Jr (5.75cu.ft.) is an ideal solution for small and medium sized jobs: walkways, intersections, access ramps and parking lots. The no rust thermo-plastic hopper and internal vertical spiral auger provide continuous and even flow of material. Adjustable controls allow spreading of #1 rock salt from 3 to 30 feet. Easy to attach and detach. The Mini Jr. mounts to a standard 2" trailer receiver hitch.

## MEYER ACCESSORIES



### Electro-Touch® Control Pad

The ultimate for snow plow control. You can convert to this great new Electro-Touch® control system if your Meyer snow plow was purchased new after 1980. This control pad can easily be placed in a variety of locations and the directional arrows illuminate for night operations.



### M1 Hydraulic Fluid

Keep your Meyer Electro-Touch® snow plow control system operating at peak performance; change hydraulic fluid yearly. Meyer M1 Hydraulic Fluid has additives that insure peak efficient operation of all Meyer electric hydraulic power units.



### Hydra-Flush™

Hydra-Flush™ advanced technology maintains your lift's maximum performance by removing contaminants and performance robbing deposits. Hydra-Flush™ protects and preserves the life of your pump, seals, o-rings, and hoses. It is ideal for off-season storage.



### Snow Deflector

Available in specific sizes to fit all Meyer moldboards. Kits come with attaching parts. Deflects snow flume down and away from windshield area.



### Slik-Stik

The optional Slik-Stik single lever control offers you a choice of 4 mounting locations: on the floor shift selector, on the steering column shift selector, on the dash right or left, on the floor pedestal or console.



### Lift Covers

All new Meyer electric-hydraulic lifts are equipped with a weather proof, heavy duty polymer cover.



### Sno-flo® Powder Coat Touch-Up Paint

Super-smooth high gloss paint especially formulated for use on powder coat finishes. Available in 12 oz. aerosol cans or yellow only in small 0.6 oz. brush-in-cap bottles.

## MEYER ACCESSORIES

### Meyer Bud Lites

Meyer has developed an auxiliary lighting system for professional snow plowers. The 55 watt quartz-halogen pairs are sold in point-of-purchase two packs, and install easily on the light brackets of the Meyer EZ-Mount® lift frame. They can be modified to 100 watts for off-road use. The compact 4-1/2" diameter lights can also be mounted above or below the bumper, or in combination with any snow plow, regardless of brand. The custom designed beam pattern gives up to three times the range of standard head lamps.



### Meyer Touch Pad Leg Strap

A perfect complement to the Touch Pad Controller is the durable nylon leg strap that keeps the Touch Pad attached to the operator's leg for easy locating. The adjustable plastic buckle allows for a custom fit. The strap's velcro attaches to the velcro already on the Touch Pad.



### EZ-Gard™

The Meyer EZ-Gard™ is designed to slide into the Meyer EZ-Mount® receiver tubes when the snow plow is removed. It's quick, it's easy, and no tools are required. The clean, simple design doesn't overpower the appearance of your vehicle. *It just gives it a powerful look!*

### Meyer Genuine Parts Kit

The Meyer Genuine Parts Kit includes the most commonly requested Meyer Genuine Parts. Inside the durable tool box, you'll find Meyer Hydraulic Oil, Hinge and Lynch Pins, Eye Bolt, Solenoid Starter, the Hydraulic Coupler Assembly, Hose Assembly and Ell Swivel, all neatly packed in a sturdy Craftsman tool kit with room to spare for a few important tools.

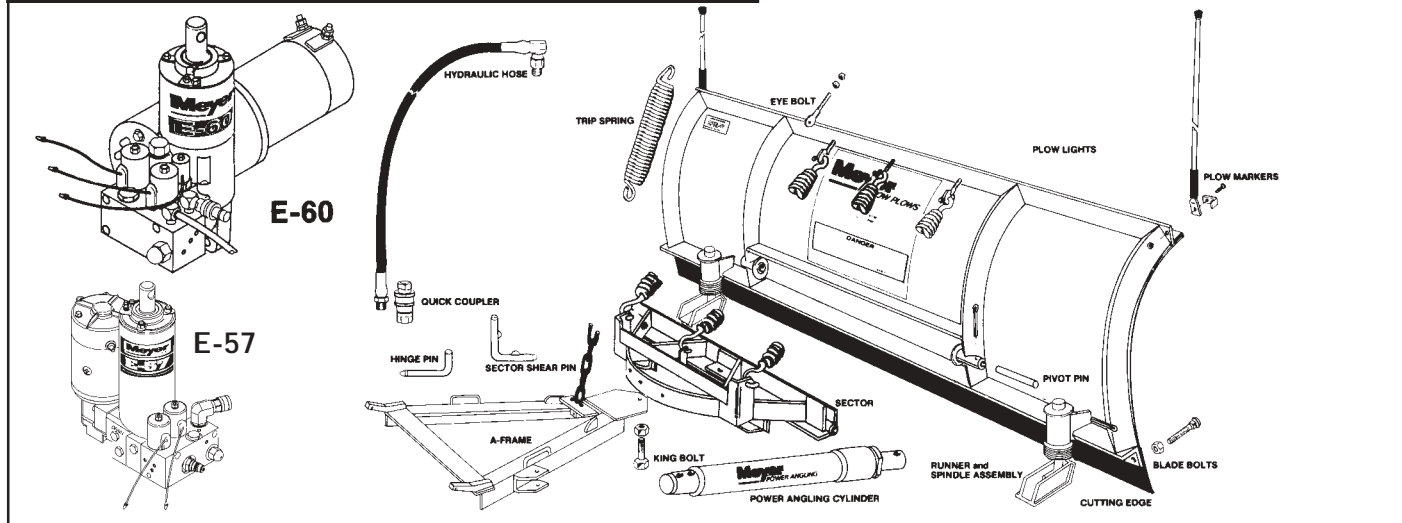


### Lock Pin

Protect your Meyer Snow Plow components with this sturdy, durable stainless steel and brass lock pin. Available in two sizes for the Quik-Lift or Electro-Touch power units and the EZ-Mount® lift frame.



# MEYER GENUINE PARTS



## CUTTING EDGES - (STEEL)

09104	TM-6.0
09100	TM-6.5 / TMP-6.5
09130	ST-6.0
09131	ST-6.5
09132	ST-7.0 / STP-7.0
09257	STL-7.5

## 09796 ST-7.5 / STP-7.5 / C-7.5 / CP-7.5

09133	C-8.0 / CP-8.0
09134	C-8.5 / CP-8.5
07259	C-9.0 / HM-9.0
07235	HM-10.0

## NUTS & BOLTS (STEEL)

08486	SET OF 6 TM-SERIES
08184	SET OF 9 ST / C-SERIES
08318	SET OF 12 HM-SERIES

## RUBBER EDGES W/HARDWARE

08186	TM-6.5 / TMP-6.5
-------	------------------

**RUBBER EDGES W/HARDWARE (CONT.)**

08187	ST-6.5
08188	ST-7.0 / STP-7.0
08189	ST-7.5 / STP-7.5 / C-7.5 / CP-7.5
08190	C-8.0 / CP-8.0
08191	C-8.5 / CP-8.5
08192	C-9.0 / HM-9.0
08193	HM-10.0

**SNOWPLOW HARDWARE**

07107	CLIP SPRING
09124	EYE BOLT & NUTS
12978	TRIP SPRING TM
07017	TRIP SPRING ST / C / HM
08433	EXTRA TRIP SPRING KIT
09916	MARKER KIT
13591	KING BOLT W/GREASE FIT.
09122	KING BOLT 5/8"
09125	KING BOLT 3/4"
13598	PIVOT BOLT W/GREASE FIT. TM
08541	PIVOT PIN W/COTTER (2)
08554	PIVOT PIN W/GREASE FIT. (2)
13003	SECTOR PIN 5/8"
13004	SECTOR PIN 3/4"
08562	HINGE PIN W/COTTER (2) TM

**SNOWPLOW HARDWARE (CONT.)**

08575	HINGE PIN W/COTTER (2)
10958	HINGE PIN (ONLY) HM-SERIES
08543	HAIRPIN COTTER (2)
08498	QUICK DISCONNECT W/COTTER
08667	LINCH PIN (2)
08669	HINGE PIN (11006) W/PIN (2)
08670	HINGE PIN (11001) W/PIN (2)

**RUNNERS & SPINDLES**

08514	RUNNER KIT COMPLETE TM
09127	TM RUNNER ASSEMBLY
09126	ST-6.5 / C-9.0 ASSEMBLY
09592	HM-9.0 / HM-10.0 ASSEMBLY
07006	RUNNER ONLY ST-6.5 / C-9.0
07086	RUNNER ONLY HM - SERIES
12057	SPINDLE ASSY ST-6.5 / HM-10
22083	LINCHPIN
20363	WASHER ST-6.5 / HM-10.0
20420	COTTER PIN 1/4" X 2"

**TWO METER A-FRAMES**

13594	TM A-FRAME
-------	------------

**BRUSH GUARDS**

11937	JEEP(TJ)
-------	----------

**BRUSH GUARDS (CONT.)**

11558	TM
11559	ST THRU C

**A-FRAMES FOR ST-6.5 / STP-7.5**

13299	BRONCO/CJ/HAT	31" X 17 1/2"
13302	J-SERIES 72/78	37" X 17 1/2"
13304	U.B.F.	31" X 23 1/2"
13306	4/WD CUSTOM	38" X 23 1/2"
13568	J-SERIES 79/88	40" X 17 1/2"
13607	EZ - CUSTOM	31" X 23 1/2"
13612	EZ - CUSTOM	34" X 23 1/2"
13635	EZ - CUSTOM (STL)	34" X 23 1/2"

**A-FRAMES FOR C-7.5 / HM-10.0**

13319	4/WD CUSTOM	39" X 23 1/2"
13324	J-20 72/78	36" X 17 1/2"
13396	H.A.T.	29" X 17 1/2"
13556	U.B.F.	31" X 23 1/2"
13569	J-20 79/88	40" X 17 1/2"
13604	H.M.B.F.	31" X 28"
13606	H.M.B.A.	31" X 23 1/2"
13608	EZ - CUSTOM	31" X 23 1/2"

**MDII A FRAMES**

13711	MDII (11")	34" X 22 1/4"
13715	MDII (15")	31" X 22 1/4"

**PIVOT BARS / SECTORS**

12984	TM PIVOT BAR
12326	SECTOR ST-6.5 / STP-7.5
12793	SECTOR C-7.5 / HM-10.0

**POWER ANGLING CYLINDERS**

05810	1 1/2" X 10" TM/ST SERIES
05437	1 1/2" X 12" C SERIES
05752	2" X 12" HM SERIES

**ANGLING CYLINDER SEAL KITS**

07705	1 1/2" CYLINDER (OMCO)
07831	1 1/2" CYLINDER (MONARCH)
07799	2" CYLINDER

**HOSE & HOSE FITTINGS**

21856	45 DEGREE HOSE W/SWIVEL
21855	SWIVEL ELL
22144	HOSE
15741	COUPLER
21857	FITTING (TALL)
22141	FITTING (SHORT)

**COUPLER LOW SPILL****HOSE END KIT - 15846**

22291	MALE COUPLER 1/4 HOSE END
22292	FEMALE COUPLER 1/4 HOSE END

**DRIVER SIDE (LEFT) KIT - 15847**

22291	MALE COUPLER 1/4 HOSE END
22294	FEMALE END 3/4-16 VALVE BLOCK SIDE

**PASSENGER SIDE (RIGHT) KIT - 15848**

22292	FEMALE COUPLER 1/4 HOSE END
22293	MALE COUPLER 3/4-16 VALVE BLOCK SIDE

**DRIVER/PASSENGER COUPLER SETS - 15876**

15847	DRIVER SIDE (LEFT) KIT
15848	PASSENGER SIDE (RIGHT) KIT

**SNOW DEFLECTOR KITS****(POLYETHYLENE)****FOR STEEL MOLDBOARDS**

12036	6.0 FT. LG.
12037	6.5 FT. LG.

**SNOW DEFLECTOR KITS****(POLYETHYLENE)****FOR STEEL MOLDBOARDS (CONT.)**

12038	7.0 FT. LG.
12039	7.5 FT. LG.
12186	7.5 FT. LG. (STL)
12040	8.0 FT. LG.
12041	8.5 FT. LG.
12042	9.0 FT. LG.
12043	10.0 FT. LG.

**FOR MAX (POLYETHYLENE) MOLDBOARDS**

12045	6.5 FT. LG.
12046	7.0 FT. LG.
12047	7.5 FT. LG.
12048	8.0 FT. LG.
12049	8.5 FT. LG.
12123	9.0 FT. LG.
12124	10.0 FT. LG.

**ELECTRO-LIFT UNITS**

15865	E-57 UNIT ONLY
15866	E-57H UNIT ONLY

**QUIK-LIFT UNITS**

15715	E-60 UNIT ONLY
15720	E-60H UNIT ONLY
15756	E-60H UNIT ONLY - MDII

**HYDRAULIC UNIT COVERS**

15861	E57 (DUAL TERMINAL MOTOR)
15860	E57H MDII (DUAL TERMINAL MOTOR)
15837	E47
15835	E47H
15836	E60 (SINGLE TERMINAL MOTOR)
15838	E60 (DUAL TERMINAL MOTOR)
15834	E60H (SINGLE TERMINAL MOTOR)
15834	E60H (SINGLE TERMINAL MOTOR)
15833	E60H (DUAL TERMINAL MOTOR)



**CONVERSION KITS E-46 TO E-47**

15532S	ST-6.5 / STP-7.5
15534S	C-7.5 / C-9.0
15535S	HM-9.0 / HM-10.0

**ELECTRO-LIFT UNITS (SEAL KITS)**

15254	E-46/E-47/E-57 SEAL KIT
15456	E-47 MASTER SEAL KIT
15888	E-57 MASTER SEAL KIT
15705	E-60/E-60H MASTER SEAL KIT
15707	E-60, E60H SEAL KIT

**MISC. LIFT PARTS**

08594	QUICK DISCONNECT
15054	MOTOR E-46/E-47 (AM. BOSCH)
15727	MOTOR (ISKRA) TWO TERMINAL E-57/E-60
15471	BRUSH KIT-PRESTOLITE
15472	BRUSH KIT - AM. BOSCH
15728	BRUSH KIT - FENNER
15854	BRUSH KIT - ISKRA
15026	PUMP ASSEMBLY - E-46/E-47
15889	PUMP ASSEMBLY E-57
15729	PUMP ASSEMBLY - E-60
15573	BASE & STRNR. ASSY E-46/E-47/E-57
15726	SUMP BASE ASSY. E-60

**MISC. LIFT PARTS (CONT.)**

15730	COVER MTR. MOUNT E60
15194	TOP CAP ASSY. E-46/E-47/E-57
15738	TOP CAP ASSY. - E-60/E60H
15356	A SOLENOID ASSY. - 3/8" STEM
15392	A COIL - 3/8" STEM
15393	A VALVE - 3/8" STEM
15661	A SOLENOID ASSY. 9/16" STEM
15659	A COIL - 9/16" STEM
15660	A VALVE - 9/16" STEM
15697	B SOLENOID ASSY.
15698	B VALVE
15382	B COIL (Red Wire)
15358	C SOLENOID ASSY.
15430	C COIL (Green Wire)
15381	C VALVE
15370	MOTOR SOLENOID

**SINGLE HARNESS PLUG ASSEMBLY**

07240	PLUG ASSEMBLY
22261	MALE PLUG (VEHICLE SIDE)
22262	FEMALE SOCKET (HYD. SIDE)
22263	WEATHER COVER

**SWITCHES**

08644	MEMBRANE SWITCH W/HARN.
22154	TOUCH PAD
15764	HARNESS
08574	SINGLE LEVER - COMP. KIT
22092	SWITCH ONLY
15680	HARNESS
08583	FLOOR MOUNT BRACKET
15346	HDWE. BAG W/SWITCHES E-47
21921	LIFT SWITCH - E-46
21919	LIFT SWITCH - E-47
21918	ANGLE SWITCH - E-47
15375	YELLOW HANDLE EXTENSION
15376	BLACK HANDLE EXTENSION

**RECEIVER TUBE CAP KITS**

08673	3" O.D. PIPE
08649	2-7/8" O.D. PIPE
08648	2-1/4" O.D. PIPE

**LIGHTS - 07223**

07224	PLOW LIGHT - PASSENGER
07225	PLOW LIGHT - DRIVER

**NOTE: ELECTRICAL REPLACEMENT PARTS LISTED ABOVE ARE FOR 12 VOLT SYSTEMS ONLY.**

**LIGHTS - 07223 (CONT.)**

07116	CONTROL MODULE
07118	"C" HARNESS
07119	ROCKER SWITCH

**PAINT - TOUCH UP**

07026	BLACK AEROSOL (1)
08676	BLACK AEROSOL (12)
07027	SNO-FLO AEROSOL (1) YE
08677	SNO-FLO AEROSOL (12) YE
07028	SNO-FLO BRUSH-ON .6 OZ. (1) YE
08678	SNO-FLO BRUSH-ON .6 OZ.(12) YE
07066	SNO-FLO - QT. (1) YE
08686	SNO-FLO - QT. (12) YE

**HYDRAULIC FLUID**

15134	M-1 FLUID QUART
15487	M-1 FLUID 12 QT. CASE

*NOTE: ELECTRICAL REPLACEMENT PARTS LISTED ABOVE ARE FOR 12 VOLT SYSTEMS ONLY.*

# Owner Warranty Registration Card

<p><b>Meyer Snow Plow Model</b></p> <p> <input type="checkbox"/> TM-5.0   <input type="checkbox"/> TML-6.5  <input type="checkbox"/> TM-6   <input type="checkbox"/> TM-6.5   <input type="checkbox"/> TMP-6.5   <input type="checkbox"/> TMP-7  <input type="checkbox"/> ST-7   <input type="checkbox"/> STL-7.5   <input type="checkbox"/> ST-7.5   <input type="checkbox"/> STP-7   <input type="checkbox"/> STP-7.5  <input type="checkbox"/> C-7.5   <input type="checkbox"/> C-8   <input type="checkbox"/> C-8.5   <input type="checkbox"/> C-9   <input type="checkbox"/> CP-7.5  <input type="checkbox"/> CP-8   <input type="checkbox"/> CP-8.5   <input type="checkbox"/> CP-9   <input type="checkbox"/> HM-9  <input type="checkbox"/> HM-10   <input type="checkbox"/> HMP-9   <input type="checkbox"/> HMP-10  <input type="checkbox"/> MDII  <input type="checkbox"/> EZ MOUNT         </p> <p><b>Vehicle Equipment is Installed On:</b></p> <p>Make _____</p> <p>Model _____</p> <p>Year _____</p>	<p><b>Owner</b></p> <p>Name _____</p> <p>Address _____</p> <p>City _____</p> <p>State _____ Zip _____</p> <p>County _____</p> <p>Phone _____</p> <p><b>Distributor or Dealer</b></p> <p>Name _____</p> <p>Did Distributor/Dealer install plow? <input type="checkbox"/> yes <input type="checkbox"/> no</p> <p>Date of Installation _____</p> <p>Electric Hydraulic Lift</p> <p>Model _____ Serial No. _____</p> <p>HML</p> <p>Model _____ Serial No. _____</p>
--	---

### Check all Boxes that apply

**I purchased this Meyer Equipment**

- From an automobile Dealer
  - From a truck equipment distributor
- Were you satisfied with the distributor/dealer's service?  yes  no (if No, please specify)
- \_\_\_\_\_
- \_\_\_\_\_

- This is the first Meyer Product I have owned
  - I have owned Meyer products in the past
  - I have owned competitive brands in the past
- What brands?  Fisher    Western    Other

**Principal use of this Meyer equipment**

- Personal use only
- Contract snow plowing
- Retail business property
- Industrial business property
- Government Agency

**I heard about Meyer through**

- Newspaper AD
- T.V. Ad
- Radio Ad
- Yellow Pages Ad
- Automotive Dealer
- Truck Equipment Distributor
- Friend
- The Internet

**Which of the following most influenced your purchase of Meyer equipment?**

- Engineering & design features
  - Price
  - Previous experience or reputation
  - Quality
- Comments \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_



MEYER PRODUCTS INC.  
18513 EUCLID AVENUE  
CLEVELAND OH 44112-9986

Postage Will Be Paid By:

BUSINESS REPLY MAIL  
First Class Mail Permit No 696 Cleveland OH



NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES



**Meyer**<sup>®</sup>  
**SNOW PLOWS**

## TWO YEAR WARRANTY

### FOR NEW MEYER COMPLETE SNOW PLOW PACKAGES

Meyer Products warrants to original purchaser only that it will repair, or at the sole option of Meyer Products replace any part of the new Meyer or Diamond complete snow plow package which proves to be defective in workmanship or material under normal use for its intended purpose, that being plowing snow, for a period of two years from the date of delivery. This warranty is not transferable or assignable. The original purchaser's sole and exclusive remedy against Meyer Products and Meyer Products sole obligation for any and all claims, whether for breach of contract, warranty, tort (including negligence) or otherwise shall be limited to providing, through its authorized Distributor/Sub-Distributor network, all labor and/or parts necessary to correct such defects free of charge. Any cost incurred in returning the product to an authorized Distributor/Sub-Distributor is the responsibility of the original purchaser.

#### WARRANTY SERVICE

In order to obtain service under this warranty, the original purchaser must return the claimed defective part to the Distributor/Sub-Distributor from whom the product was purchased or to any authorized Meyer or Diamond Distributor/Sub-Distributor, transportation and freight charges prepaid. Only Meyer or Diamond Distributors/Sub-Distributors are authorized to perform the obligations under these warranties. For the address and telephone number of the Distributor/Sub-Distributor nearest you, check the telephone directory or you may write to Meyer Products at the address below.

#### GENERAL

It is the responsibility of the original purchaser to establish the warranty period by verifying the original delivery date. A bill of sale, cancelled check or some other appropriate payment record may be kept for that purpose. It is recommended, but not required, that the original delivery date be verified by immediately returning the attached Warranty Registration Card. No person is authorized to change this warranty or to create any warranty other than that set forth herein. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

#### EXCLUSIONS

THIS WARRANTY DOES NOT COVER PAINT OR EXPENDABLE SNOW PLOW PARTS SUCH AS PINS, RUNNERS, CUTTING EDGES, SPRINGS AND MARKERS. MEYER PRODUCTS SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES ARISING FROM ANY CLAIMS ARISING HEREUNDER, OR FOR DAMAGES RESULTING FROM LACK OF NECESSARY MAINTENANCE, FROM MISUSE, ABUSE, ACTS OF GOD, ALTERATION OF A MEYER or diamond PLOW OR PART, OR FROM USE OF PARTS OR HYDRAULIC FLUID NOT SUPPLIED BY MEYER PRODUCTS. USE OF THE MEYER or diamond SNOW PLOW FOR ANY PURPOSE OTHER THAN PLOWING SNOW IS ONE EXAMPLE OF AN ABUSE AND MISUSE.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

For warranty information on Meyer or Diamond Spreaders, Meyer Brooms or other Meyer and Diamond Products, refer to the specific operation and maintenance manuals for those products.

#### MEYER PRODUCTS INC.

18513 Euclid Avenue • Cleveland, Ohio 44112-1084  
[www.meyerproducts.com](http://www.meyerproducts.com) • e-mail [info@meyerproducts.com](mailto:info@meyerproducts.com)