

IMPORTANT: Read instructions before assembling. Preventive maintenance can prevent accidents. Regularly inspect all components and repair or replace any worn, loose, or damaged parts immediately. Remember to use standard methods and practices when attaching snowplow including wearing safety glasses during drilling. Install snowplow as follows:

LIFT & MOUNT ASSEMBLY

- 1. Remove plastic splash guard located between bumper and grille. Retain guard and fasteners for replacement should the snowplow mounting be removed from the vehicle.
- 2. Cut ¼" x ½" deep notch into brake line support crossmember next to frame side rails (both sides) to accept tabs welded to back side of lift frame. CAUTION: Brake line is located under crossmember and must not be damaged.
- 3. Assemble curb and driver side mount plate units with spacers against vehicle frame and stop lugs under frame, aligning 11/16" diameter holes to upper holes behind the front tube crossmember. (NOTE: Clearance holes are for steering gear fasteners.) Insert %" x 4½" capscrews thru 11/16" diameter hole of mount plate units and thru vehicle frame placing tube spacer over capscrew in frame box section. With %" bolt flush with inside of vehicle frame, allow mount plate units to be suspended until lift unit is installed.
- 4. Install lift unit to vehicle frame placing the reinforcing braces on top of the bumper and align outboard holes in lift base angle to the threaded holes behind the bumper fasteners. Loosely install furnished ½" x 1½" capscrews, lock washers and flat washers.
- 5. If space permits on one or both sides, insert%" flat washer(s) between inside of vehicle frame and tab of lift frame before pushing partially inserted %" bolt thru lift frame tab. Loosely install %" locknut.
- 6. Rotate mount plates rearward so the stop lugs are firmly against bottom of vehicle frame and tighten %" fastener. Using the %" diameter holes in the lower rear corner of the mount plate units as a guide, drill two (2) 11/32" diameter holes per side and fasten with furnished %" x 1" thread forming capscrews. Torque to 30-35 ft. lbs.
- 7. Tighten ½" fasteners holding lift frame installed in Step 2. Using reinforcing braces as a guide, drill two (2) 11/32" diameter holes thru top flange of bumper and fasten with furnished ¾" x 1" thread forming capscrews. Torque to 30-35 ft. lbs.
- 8. Install spreader unit between mount plate units with the gussets on top and fasten with 1/2" x 11/2" capscrews and locknuts.

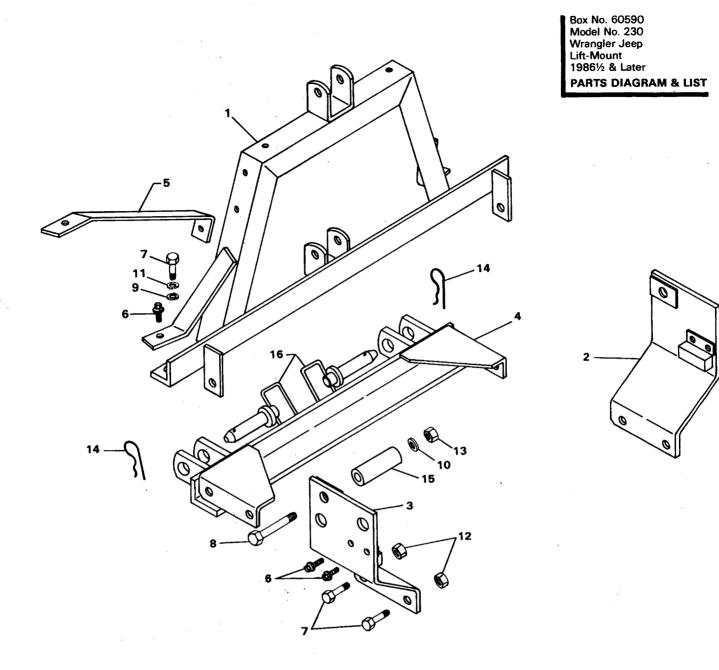
LIGHT KIT INSTALLATION

9. When installing 60010 Low-Profile Light Kit, replace 60005 and 60006 Light Bracket Brace Bars which angle the lights forward with furnished 60647 Brace Bars. These bars will keep the lights in line with the lift unit preventing light damage when stacking snow.

CAUTION: To prevent damage to gas lines, brake lines, gas tank vapor lines or wiring during installation, move and replace as necessary.

TIGHTEN ALL BOLTS TO CORRESPONDING TORQUE VALUES NOTED IN FASTENER TORQUE CHARTS.

NOTE: Assemble and install balance of snowplow per instructions furnished with each respective assembly. Form No. 13403-8701 -1-



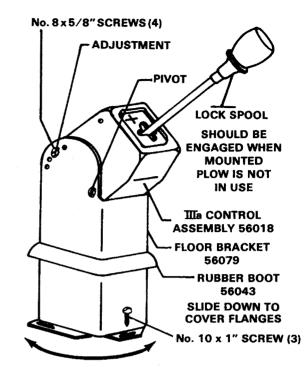
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| ltem | Part Number | Quantity | Description |
|------|-------------|----------|--|
| 1 | 60631 | 1 | Lift Unit |
| 2 | 60636 | 1 | Mount Plate Unit — Curb Side |
| 3 | 60641 | 1 | Mount Plate Unit — Driver Side |
| Å | 60643 | 1 | Spreader Unit |
| 5 | 60647 | 2 | Brace Bar — Light Bracket |
| 6 | 93169 | 6 | Thread Forming Capscrew — 3/8" x 1" Long |
| 7 | 90100 | 6 | Capscrew — 1/2"-13 x 1-1/2" Long — Grade 5 |
| 8 | 90136 | 2 | Capscrew — 5/8"-11 x 4-1/2" Long — Grade 5 |
| 9 | ••••• | 2 | Flat Washer — 1/2" |
| 10 | | 2 | Flat Washer — 5/8" |
| 11 | | 2 | Lock Washer — 1/2" |
| 12 | 91335 | 4 | Locknut — 1/2"-13 — Nylon Insert Type |
| 13 | 91337 | 2 | Locknut — 5/8"-11 — Nylon Insert Type |
| 14 | 91965 | 2 | Hairpin Cotter - 5/32" x 2-15/16" O/A Length |
| 15 | 60650 | 2 | Tube Spacer |
| 16 | 93028 | 2 | Hitch Pin — 1" x 3-1/2" Long |

NOTE: Only those items indicated with a PART NUMBER are available for service.

The IIIa Control should be placed in the vehicle so it is convenient to the operator without interfering with shift levers or the seat when it is fully forward. Use the bracket in the location you select as a locating template to drill three (3) 9/64" diameter holes through the floorboard. These holes should be drilled in the center of the floor bracket slots, this will permit the bracket to be adjusted at the operators discretion. Fasten using No. 10 x 1" screws and lockwashers. Slide the rubber boot down to cover the flanges. Align forward holes of bracket and IIIa Control, place No. 8 x %" long slotted hex head screws in these holes. Select best position for the IIIa Control and secure using two (2) more of the same size screws after cable installation is completed.



BRACKET MAY BE ROTATED WITHIN SLOTS

INSTALLATION INSTRUCTIONS FOR 59700 BLADE GUIDE ASSEMBLY

The following instructions simply outline the attachment of this blade guide assembly.

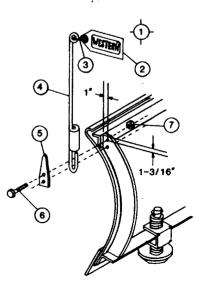
Step 1. Lower blade to ground level.

- Step 2. If hole is not pre-drilled, drill one 11/32" hole, 1-3/16" down and 1" out on the outside rib of the blade. See diagram below.
- Step 3. Insert pointed end of clamp into coil of guide. Attach guide to rib using top hole of clamp. Secure assembly using supplied 5/16" x 1" bolt and locknut. Tighten until guide will stand alone perpendicular to road surface.
- Step 4. If hole is not pre-drilled, use lower hole of clamp as locator, drill bottom hole 11/32".
- Step 5. Bolt lower hole in place. Finish securing top bolt.
- Step 6. Attach other side following above steps.

Pictorial view supplied below. Remember to use standard methods and practices in attaching blade guides including wearing safety glasses during drilling.

PARTS LIST 59700 --- BLADE GUIDE ASSEMBLY

| ltem | Part No | Quan. | Description |
|------|---------|-------|---------------------------------|
| 1 | 59697 | 2 | Blade Guide Rod, S-Hook & Flag |
| 2 | 59694 | 1 | Flag |
| 3 | 59696 | - 1 | S-Hook |
| 4 | 59691 | 1 | Blade Guide Rod |
| 5 | 59946 | 2 | Clamp |
| 6 | | 4 | Capscrew — 5/16"-18 x 1" Gr.2 |
| 7 | | 4 | Locknut - 5/16"-18 Nylon Insert |



13009-7911

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