

ASSEMBLY AND OPERATIONS INSTRUCTIONS
FOR
GIANT-TRUCK LOADER MODELS
1401-C - 1601-C - 2001-C

Your shipment of a Giant-Truck Loader should consist of the following parts:

- 1 - Power unit and blower housing.
- 1 - Exhaust stack and elbow.
- 1 - Intake hose and nozzle.
- 1 - Hardware kit.

THE FOLLOWING PARTS ARE OPTIONAL:

- 1 - Axle, wheels, draw bar and support jack.
- 1 - Spring loaded boom.
- 1 - Metal hose and square to round.

Inspect parts for any damage that might have occurred in shipping. If any is found, or any shortages noted, notify the transport carrier who delivered you machine as he is responsible for the damage and is the only one to make any adjustments. Before leaving our plant, all components were completely inspected. All manufacturing dimensions are held to close tolerances, and thus, you will have little difficulty in assembling your Giant-Truck Loader if you follow these steps.

ENGINE INSTRUCTIONS:

An engine manual is supplied with each shipment. This should be read carefully. Instructions on oil changes should be carefully noted to ensure maximum engine life.

We recommend that the engine be run at a fast idle for at least 1 hour. Following this, the engine should be retuned. A good check should include carburetor and timing adjustments.

The engine is warranted by the engine manufacturer. Please be certain to mail to them, the warrantee card, IMMEDIATELY. If any engine problems exist, please contact their nearest service center as only they can authorize any warrantee claims.

ASSEMBLY:

The axle should be bolted to the lower portion of the blower housing in the most forward position in relation to the blower housing. This ensures optimum balance for operation. The draw bar, Ref. #19, is to be bolted onto the front of motor base. The support jack, Ref. #20, is bolted onto draw bar. Then, the exhaust stack, Ref. #5, is bolted onto the blower housing. The exhaust elbow, Ref. #6, is bolted to the stack. Secure the square to round, Ref. #7, to metal hose, Ref. #23 and fasten to the end of the exhaust elbow. The boom should then be installed in the boom holder. This is done by sliding the vertical arm into the upper bracket and then dropping down into the lower bracket. The outrigger arm is next installed and fastened with a 1/2" bolt and lock nuts. The threaded support spring arm is fastened which completes this assembly.

The hose is next installed and secured to the flange by means of a stainless steel hose clamp. Following this, the boom hose support band is slipped over the hose. This should be secured about 3 feet from the end of the hose. The pick up nozzle is next installed and fastened with a second hose clamp.

A chain connects the hose support band to the end of the boom. It is vitally important that this chain is adjusted correctly for ease of operation. In general, the chain should be so adjusted that the nozzle is approximately 12 inches off the ground.

The ultimate check to be certain this adjustment is correct takes place after the machine is running at operating speed. To make this check, speed up the engine. You should then be able to push the nozzle to the ground and pull it back up by using three fingers of one hand. If you cannot operate the nozzle accordingly, either the chain should be readjusted or the spring tension of the boom assembly, changed. A few minutes time in adjusting this correctly will ensure ease in operation.

MOUNTING TO TRUCK:

Your Giant-Truck Loader can be mounted on or towed by a pick-up or dump truck. CHECK WITH YOUR STATE AND TOWN ORDINANCES FOR TOWING RULES, REGULATIONS AND SAFETY STANDARDS.

DEBRIS BOXES:

Your Giant-Truck Loader can readily be used in conjunction with a dump truck or garbage packer. The following are a few thoughts which we hope might be helpful in constructing these boxes.

To begin with, it is important to have an adequate screened section for allowing the tremendous volume of air that your Giant-Truck Loader gulps up each minute, to escape. As a matter of fact, we strongly recommend the entire top be covered with screening. One inch expanded mesh or 1/4 inch square wire makes an excellent screen. The theory behind this is quite simple. For example, if 10 square feet of exhaust section would produce a 100 miles per hour exhaust velocity, this would be cut down to a 10 miles per hour exhaust velocity if the opening was increased to 100 square feet.

If a dump truck is used, the collection box is generally fabricated out of plywood and angle iron. Quite often, a 3 inch angle iron frame is first fabricated. The sides are lined with 3/4 inch thick exterior type plywood. Do not use any thinner plywood as the internal pressure is apt to blow the sides out.

A frame is made for the top which is next covered with metal screening. The dump truck door should be removed. A door should then be fabricated which is hinged at the top. This also can be fabricated from angle iron and plywood.

WARRANTY:

Within 90 days from the purchase date, the Giant-Vac Etna Company will replace free of charge, for the original purchaser, any part or parts returned to the factory at South Windham, Connecticut, and found by us to be defective in material and/or workmanship.

May 3, 1984

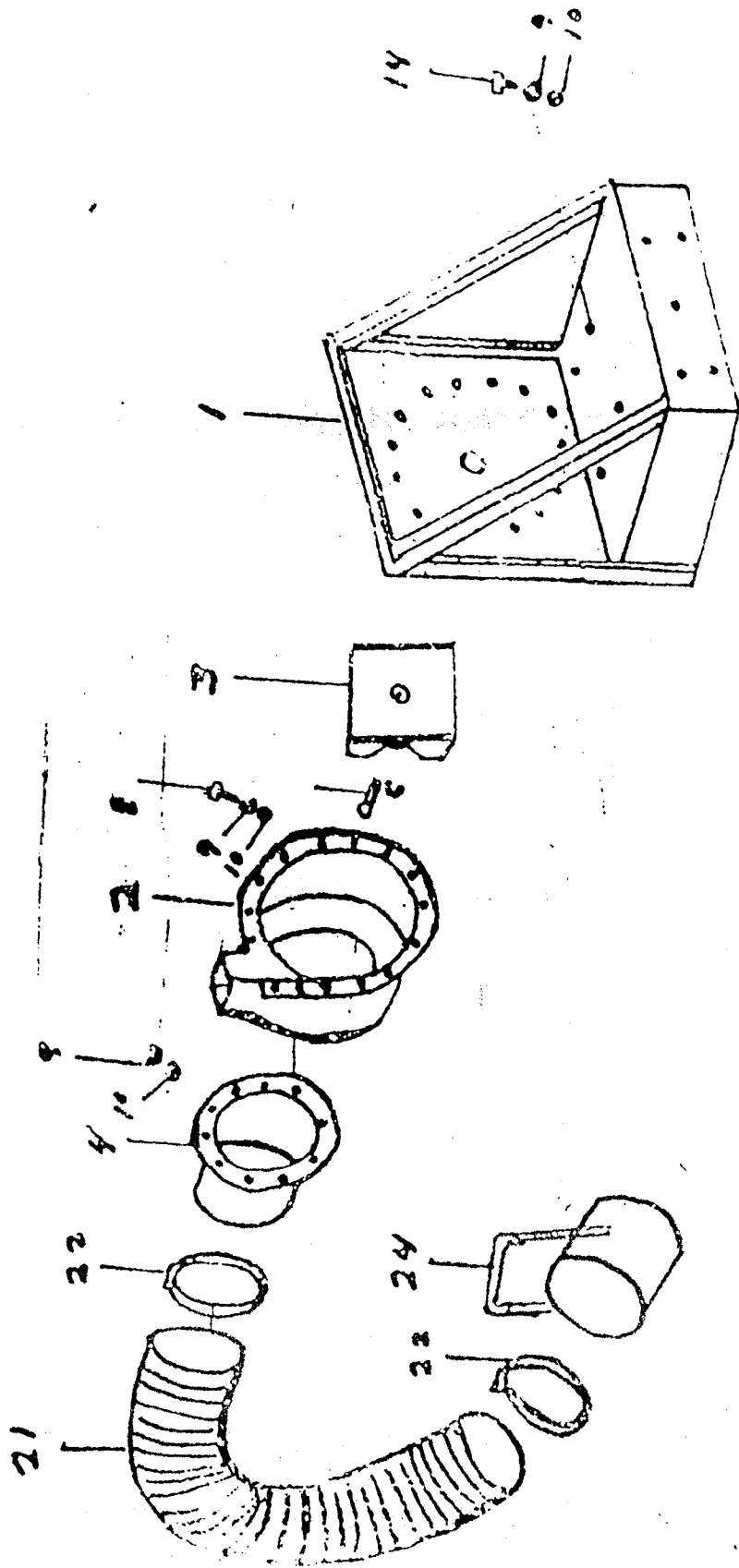
PARTS LIST NO. 5720.

GIANT-TRUCK LOADERS

| REF. NO. | PART NO. | DESCRIPTION | 1401-C | 1601-C | 2001-C |
|-------------|-------------|--------------------------------|--------|--------|--------|
| 1 | 10032 | Motor base frame | 1 | 1 | |
| 1 | 10033 | Motor base frame | | | 1 |
| 2 | 10034 | Blower housing | 1 | 1 | |
| 2 | 10035 | Blower housing | | | 1 |
| 3 | 21531 | Impeller with bolt and key | 1 | 1 | |
| 3 | 21517 | Impeller with bolt and key | | | 1 |
| 4 | 20154 | Intake flange | 1 | 1 | |
| 4 | 20155 | Intake flange | | | 1 |
| 5 | 24535 | Exhaust stack with boom holder | 1 | 1 | 1 |
| 6 | 24536 | Exhaust elbow | 1 | 1 | 1 |
| 7 | 24537 | 8 inch square to round exhaust | 1 | 1 | 1 |
| 8 | 31114 | Hex head bolt 3/8 x 1" | 12 | 12 | 12 |
| 9 | 31115 | Lockwasher 3/8" | 24 | 24 | 24 |
| 10 | 31116 | Nut 3/8" | 24 | 24 | 24 |
| 11 | 31117 | Hex head bolt 1/2 x 4 1/2" | 4 | 4 | 4 |
| 12 | 31118 | Nut 1/2" | 12 | 12 | 12 |
| 13 | 31119 | Flat washer | 17 | 17 | 17 |
| 14 | 31120 | Bolt 3/8 x 1 1/2" | 4 | 4 | 4 |
| 15 | 31121 | Lockwasher 1/2" | 12 | 12 | 12 |
| 16 | 33037 | Wheel 480 x 4.8 - 16" O.D. | 2 | 2 | 2 |
| 17 | 33046 | Axle less hub | 1 | 1 | |
| 17 | 33047 | Axle less hub | | | 1 |
| 18 | 33038 | 4 hole bolt, hub and bearing | 2 | 2 | 2 |
| 18A | 33058 | 4 bolt hub only | 1 | 1 | 1 |
| 18B | 33056 | Bearing only | 1 | 1 | 1 |
| 18C | 33055 | Dust cap only | 1 | 1 | 1 |
| 18D | 33057 | Seal only | 1 | 1 | 1 |
| 18E | 31156 | Axle nut only | 8 | 8 | 8 |
| 19 | 38003 | Draw bar | 1 | 1 | 1 |
| 20 | 33041 | Support jack | 1 | 1 | 1 |
| 21 | 34007 | Intake hose 10" x 10' | 1 | 1 | |
| 21 | 34019 | Intake hose 12" x 10' | | | 1 |
| 22 | 34016 | Hose clamp 10" | 2 | 2 | |
| 22 | 34020 | Hose clamp 12" | | | 2 |
| 23 | 34021 | Metal exhaust hose 8" x 5' | 1 | 1 | 1 |
| 24 | 20150 | Intake nozzle 10" | 1 | 1 | |
| 24 | 20156 | Intake nozzle 12" | | | 1 |
| | 39028 | 14HP Kohler Engine Electric | 1 | | |
| | 39036 | 16HP Kohler Engine Electric | | 1 | |
| | 39019 | 20HP Kohler Engine | | | 1 |
| | 39020 | Battery | 1 | 1 | 1 |

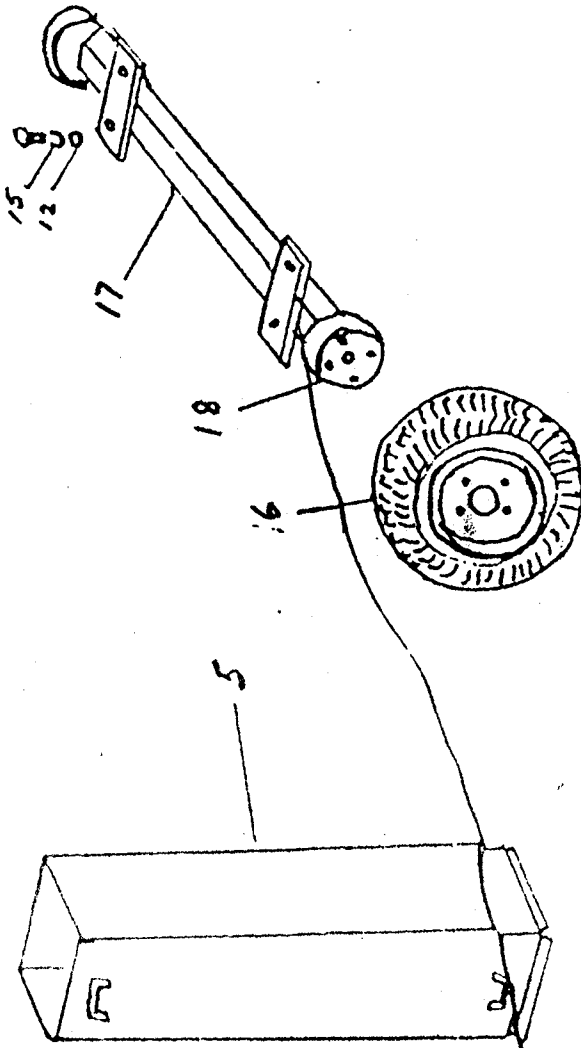
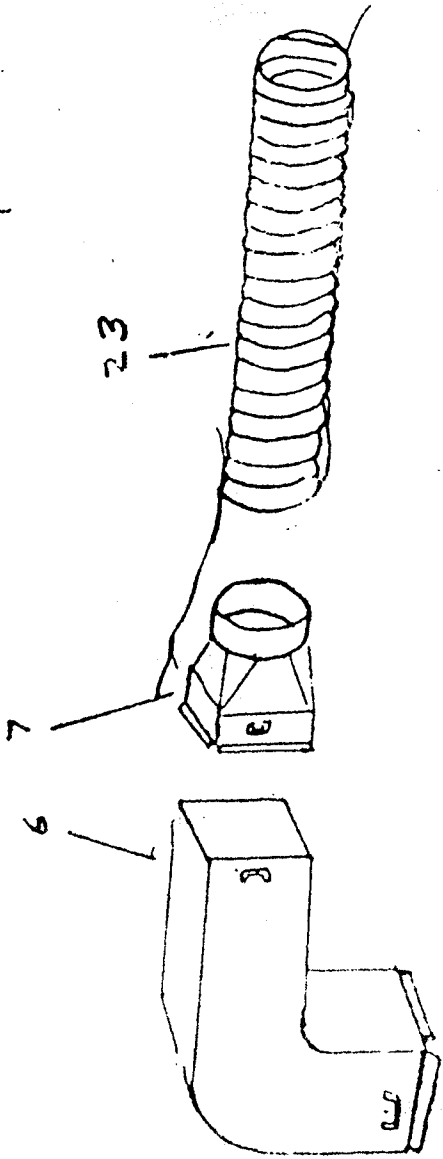
May 3, 1984

POWER UNIT



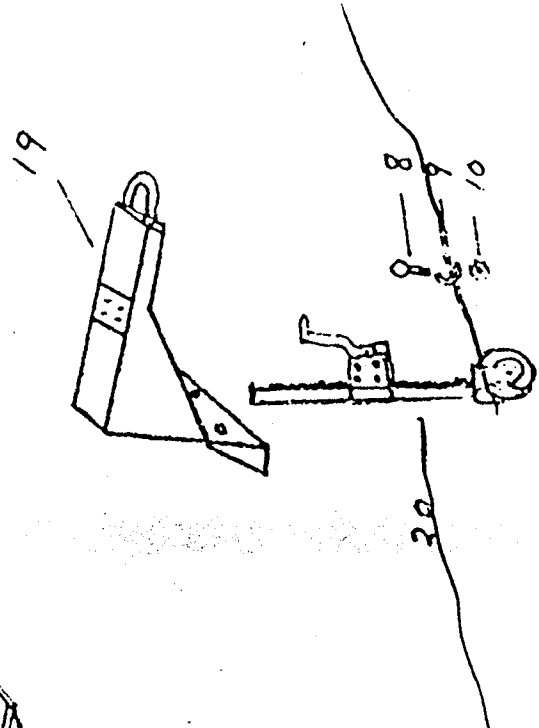
FOR MODEL J601 - 1201 - 2001

TRAILER MOUNT



EXHAUST SECTION

7-11
13
15
12



TRAILER SECTION

PARTS LIST NO. 5722

HOSE SUPPORT BOOM
FOR
GIANT-TRUCK LOADERS

| <u>REF.</u> <u>NO.</u> | <u>PART</u> <u>NO.</u> | <u>DESCRIPTION</u> | <u>1001-C</u> <u>1401-C</u> <u>1601-C</u> | <u>2001-C</u> | <u>3001-C</u> | <u>6500</u> <u>6600</u> | <u>6800</u> | <u>9800</u> |
|---------------------------|---------------------------|-------------------------|---|---------------|---------------|----------------------------|-------------|-------------|
| 1 | 40106 | Boom Horizontal Member | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 40107 | Boom Vertical Member | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | 40108 | Threaded Spring Guide | 1 | 1 | 1 | 1 | 1 | 1 |
| 4 | 31330 | Hex Nut 5/8" | 2 | 2 | 2 | 2 | 2 | 2 |
| 5 | 31331 | Flat Washer 5/8" | 2 | 2 | 2 | 2 | 2 | 2 |
| 6 | 31332 | Boom Coil Spring | 1 | 1 | 1 | 1 | 1 | 1 |
| 7 | 31333 | Hex Head Bolt 1/2" x 3" | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | 31334 | Jam Nut 1/2" | 4 | 4 | 4 | 4 | 4 | 4 |
| 9 | 31335 | Hex Head Bolt 1/2" x 4" | 1 | 1 | 1 | 1 | 1 | 1 |
| 10 | 31140 | Chain | 1 | 1 | 1 | 1 | 1 | 1 |
| 11 | 40109 | Hose Support Band | 1 | | | | | |
| 11 | 40110 | Hose Support Band | | 1 | | | | |
| 11 | 40111 | Hose Support Band | | | 1 | | | |
| 11 | 40112 | Hose Support Band | | | | 1 | | |
| 11 | 40112 | Hose Support Band | | | | | 1 | 1 |
| 12 | 31141 | Hex Bolt 5/16" x 3" | 1 | 1 | 1 | 1 | 1 | 1 |
| 13 | 31142 | Hex Head Nut 5/16" | 2 | 2 | 2 | 2 | 2 | 2 |
| 14 | 31143 | Flat Washers 5/16" | 2 | 2 | 2 | 2 | 2 | 2 |

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HOSE SUPPORT BOOM

