

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

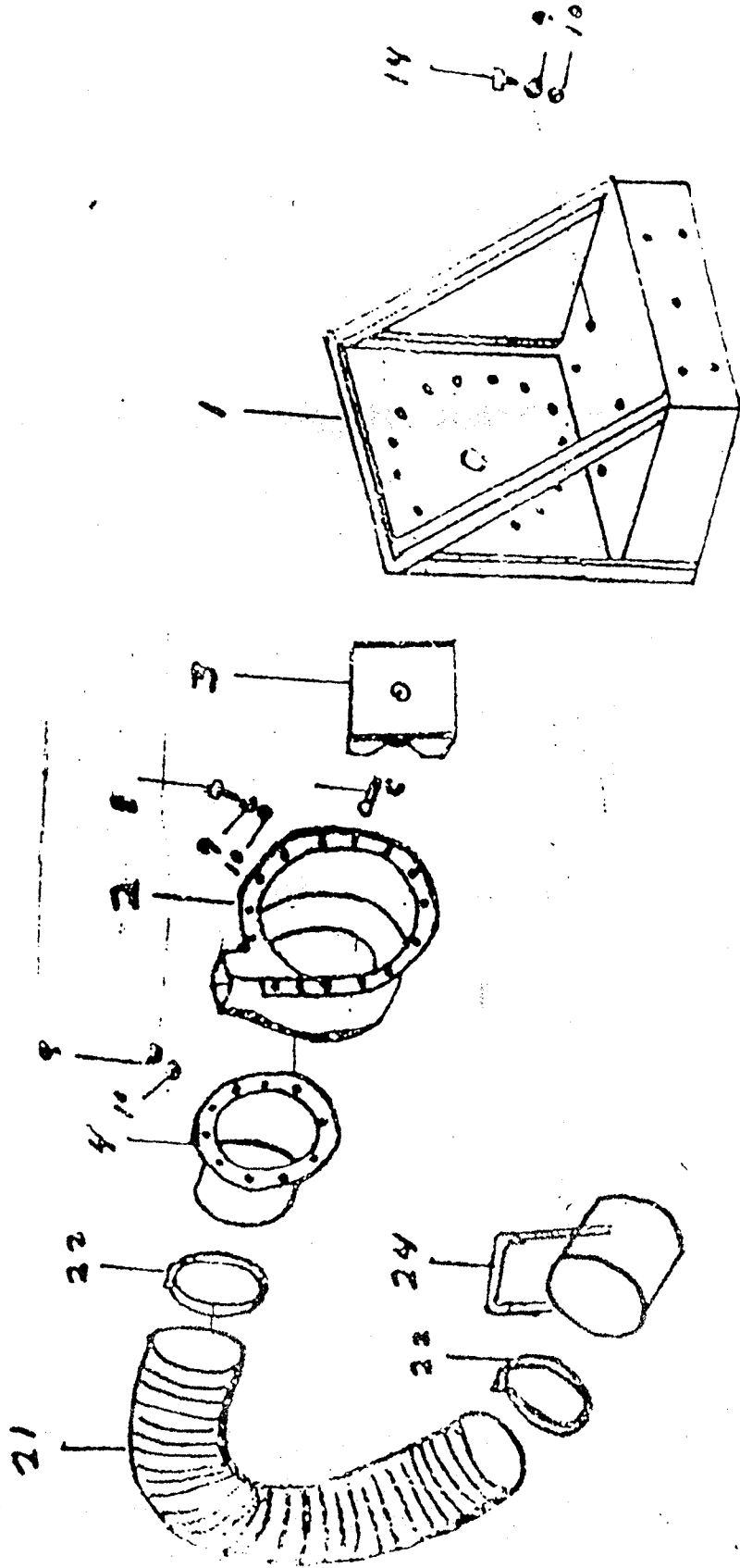
PARTS LIST NO. 5720.

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

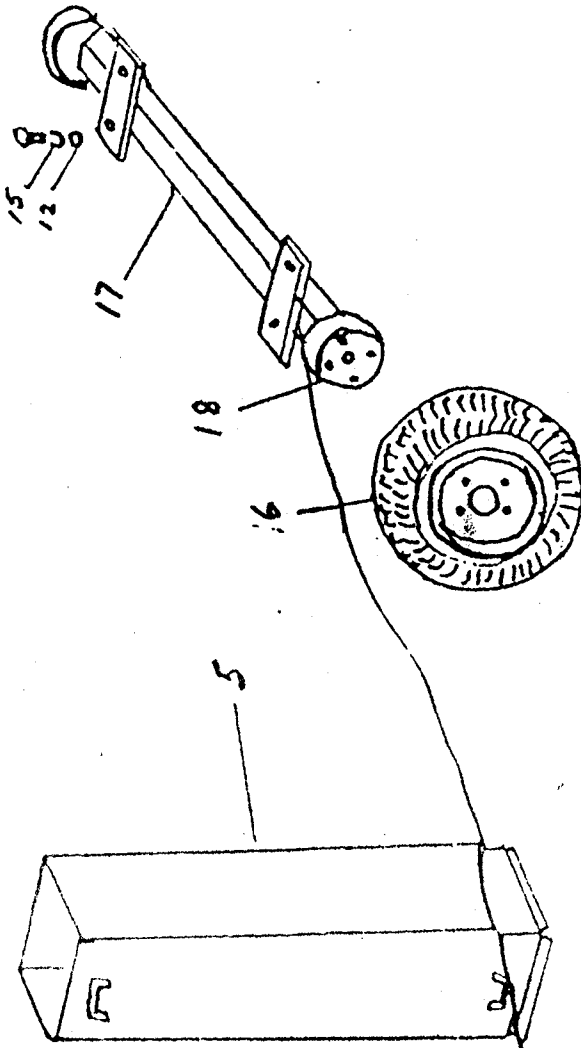
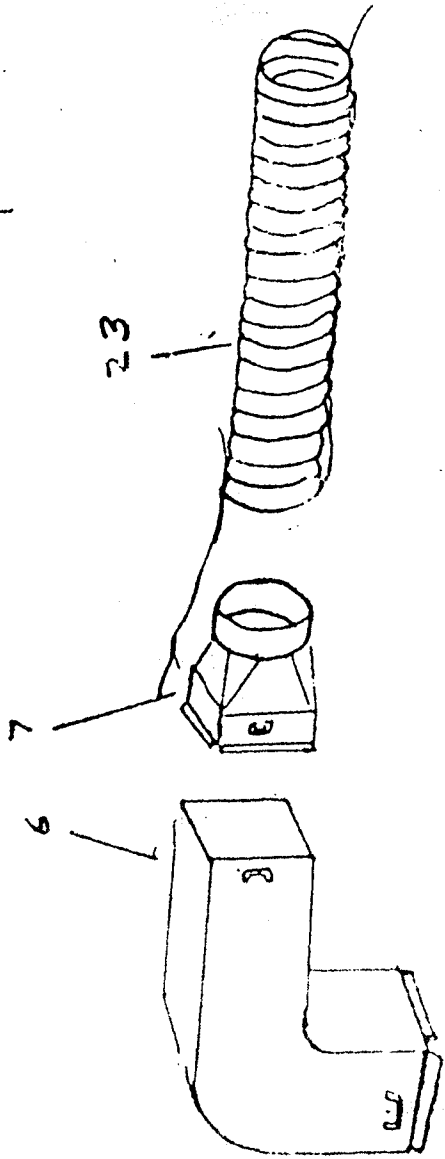
May 3, 1984

POWER UNIT



FOR MODEL J601 - 1201 - 2001

TRAILER MOUNT



TRAILER SECTION

EXHAUST SECTION

7-11
13
15
12

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

MAY 3, 1984

HOSE SUPPORT BOOM

