



INSTALLATION & MAINTENANCE INSTRUCTIONS

10-TON DOZER PULLING SYSTEM 7567-S WITH AIR FOOT PUMP 7567-SH WITH HAND PUMP



For questions or problems related to your new Dozer pulling system, call our Customer Service Department at 1-800-451-2425. Please have the ID number (original sales or quote number) available when you call.

This manual is intended to use the equipment to provide a pulling force on the chain. This manual does not cover actual collision repair. Standard Tools highly recommends that only individuals with proper collision repair experience/education operate this equipment.



Please read and follow the information in this manual to prevent injury to an operator and/or damage to a vehicle or the equipment.

The 7567-series of Dozer pulling systems are designed to provide 10 tons of pulling force for vehicle frame and body repairs. Safe operation depends on the owner/operator's full understanding and compliance with the following notes and instructions.

The Dozer system is made in our manufacturing facility in North Carolina to high standards and is equipped with high quality hardware and hydraulic items. This equipment should not be used by anyone who is not trained and skilled in auto body repair as vehicles, the types of pulls and the art of pulling requires significant experience to prevent damage or injury. The equipment and vehicle are subject to considerable forces when in use.

The unit is shipped unassembled. See Figures 2 through 6 for assembly and Figures 7 through 10 for specific applications.

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I. WARNINGS

- No person should load, operate or service this equipment without a full understanding of this manual and proper collision repair techniques.
- The operation of this equipment requires extreme forces. The machine operator must evaluate each action taken on this machine with a focus on safety.
- Do not overload the machine. See further details in this manual for your machine capacity.
- Make heavy pulls in gradual increments. Trying to make the pull in one heavy pull may damage chains, vehicle or equipment as well as cause serious injury.
- Do not stand near chains or areas being pulled while pulling. The operator should use the long hydraulic hose to stand clear of chains and other items being pulled.
- Do not overfill hydraulic pumps. See appropriate markings on pumps.
- Make sure that the quick-disconnects for the air and hydraulic lines stay clean when reconnecting to prevent trash from entering lines.
- Never operate this equipment when using alcohol or other similar substances.
- Follow the included maintenance and inspection instructions to provide a long life and safe use of the equipment.



II. MAIN ITEMS

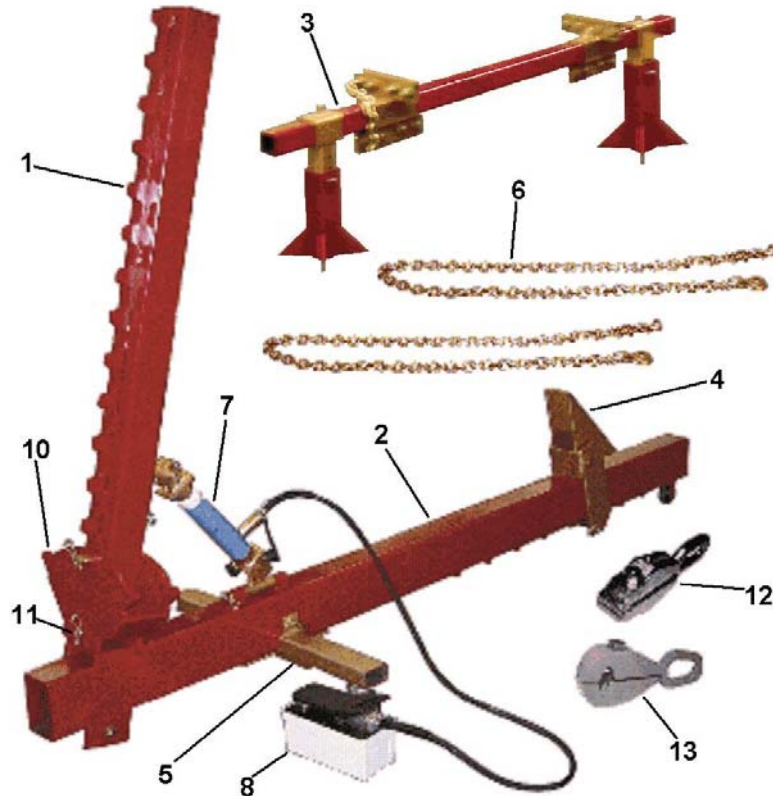


FIGURE 1 - PARTS LIST FOR MAJOR ITEMS

(See following details for non-major items)

ITEM #	PART #	DESCRIPTION	QTY
1	7567-S-P	Post	1
2	7567-S-MB	Main Beam	1
3	7567-JS	Dozer Jack Stand	1
4	7567-S-FP	Pusher Assembly, see figure	1
5	7567-S-CB	Crossbar for Main Beam with casters	1
6	4405-AA	9' X 3/8 Pulling chain w/ hook	2
7	8399-6	10-ton X 6" Hydraulic ram	1
8	8397	Foot pump	1
9	5787	Hand pump, not shown, used on 7567-SH only	1
10	7567-S-SC	Swivel connector	1
11	7567-PIN8.0	1" Dia x 8" Long Pin	3
12	6585	1-1/2" STD Pull Clamp Assembly	1
13	6587	1-1/2" STD Flange Clamp Assembly	1



III. HYDRAULICS SYSTEM

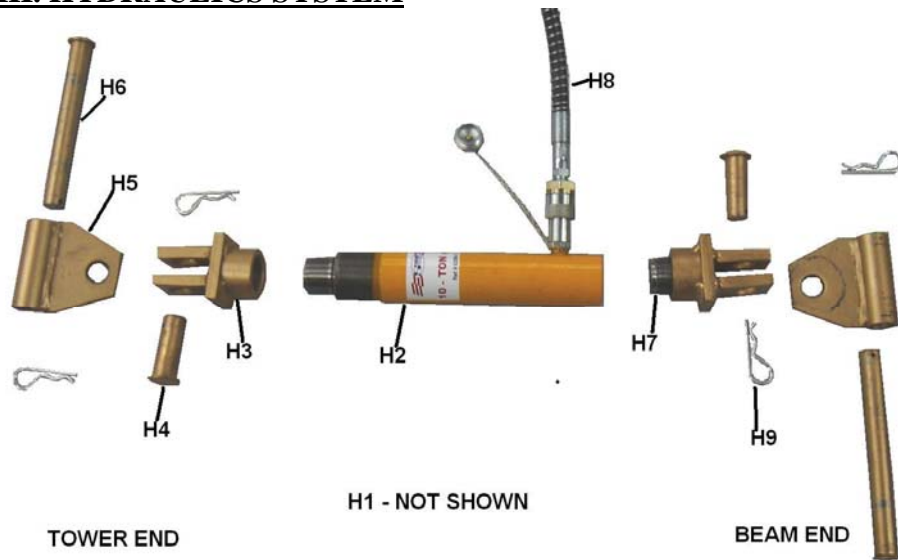


FIGURE 2 - HYDRAULICS, EXPLODED DETAILS

ITEM #	PART #	DESCRIPTION	QTY
H1	8397	Air Hydraulic Foot Pump	1
H2	8399-6	10-TON X 6" Ram	1
H3	7567-S-RCM	Male Ram Connector	1
H4	7567-PIN2.75	Pin, 1" dia x 2.75" long (2-3/4")	2
H5	7567-S-SC	SWIVEL CONNECTOR	2
H6	7567-PIN8.0	Pin, 1" dia x 8" long	2
H7	7567-S-RCF	Female Ram Connector	1
H8	4557-AA	10-Ton X 8' Hydraulic Hose	1
H9	4882-AA	Hose End	1
H10	R-127	#210 Hair Pin	4



FIGURE 3
HYDRAULICS
ASSEMBLED
CORRECTLY

IV. PUSHER ASSEMBLY

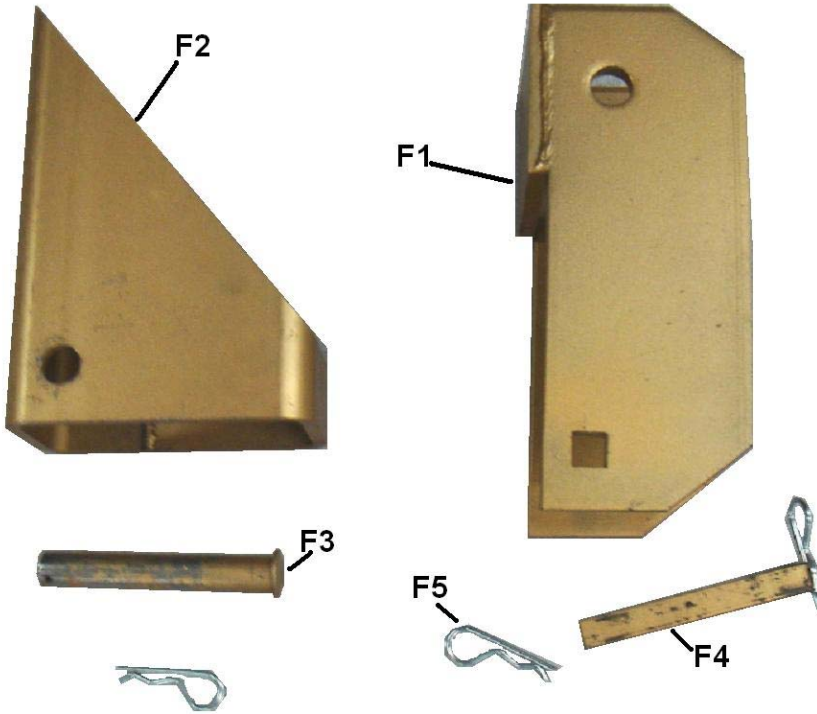


FIGURE 4 - PARTS LIST IN PUSHER ASSEMBLY

ITEM #I	PART #	DESCRIPTION	QTY
F1	7567-FPB	Frame Pusher Bracket	1
F2	7567-FPI	Frame Pusher Insert	1
F3	7567-PIN8.0	Pin, 1" dia x 8" long	1
F4	7567-3/4PIN6	Square Pin, 3/4x3/4x6	1
F5	R-127	#210 Hair Pin	3



FIGURE 5 - PROPER USE OF PUSHER ASSEMBLY



V. DOZER JACK STAND

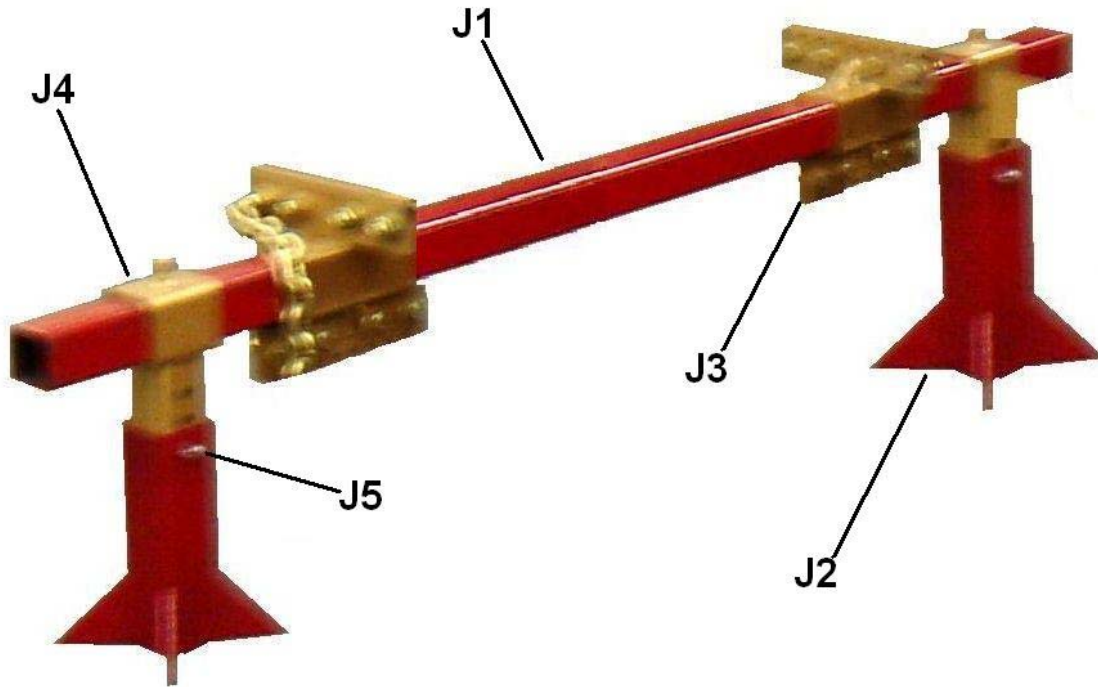


FIGURE 6 - JACK STAND DETAILS

ITEM #	PART #	DESCRIPTION	QTY
J1	H-105-62.0	3" SQ Tube	1
J2	7567-FJS	Foot, Jack Stand	2
J3	7567-PASS	Pinchweld Clamp Assm, Jack Stand	2
J4	7567-HI	Height Insert, Jack Stand	2
J5	R-135	51622LP Hitch Pin	2

See Figures 8 and 9 for proper use of the jack stand.

Proper use of the jack may require wheel stands or jack stands that are available from Standard Tools/ToolsUSA or through your local auto parts store. This will allow the vehicle to be level when placed on the Dozer jack stand shown above.



VI. OPERATION

A. Requirements

- 1) This machine will work best with a level concrete floor for easy movement.
- 2) The equipment should be located so that a minimum of 4 feet of clearance is available around the back and the sides of the system for easy access and to provide safe distance from the chain(s), the post and the area of the vehicle being pulled.
- 3) Air : The system will require an air supply of 120 PSI for the hydraulic pump unless the 7567-SH version is used.

B. Setup

- 1) Provide clear access for the equipment on the damaged side of the vehicle.
- 2) For tubular-framed vehicles, use the pusher assembly to push against the farside frame (for side pulls) or secured chassis items for end pulls.
- 3) For pinchweld vehicle bodies:
 - a. Use the pusher bracket to keep pulls low in relation to the main beam (see Figures 9 and 10)/
 - b. For end pulls, use dozer jack stand to secure both side of body (see Figure 9)
 - c. For side pulls, use dozer jack stand to secure farside of vehicle (see Figure 10)
 - d. Use of the jack stand may require raising the vehicle.
 - e. It is critical that the pusher assembly be centered between the pinchweld clamps. (see Figure 7)
- 4) Connect adequate clamps to the area to be pulled, either those provided with this system or others that are available from ToolsUSA.
- 5) Adjust the chain height on the post and the post angle as required (see Figure 8).
- 6) Apply desired pressure to tower by actuating foot pump (or by operating hand pump for 7567-SH).
- 7) Release tension on chain before working around the vehicle.

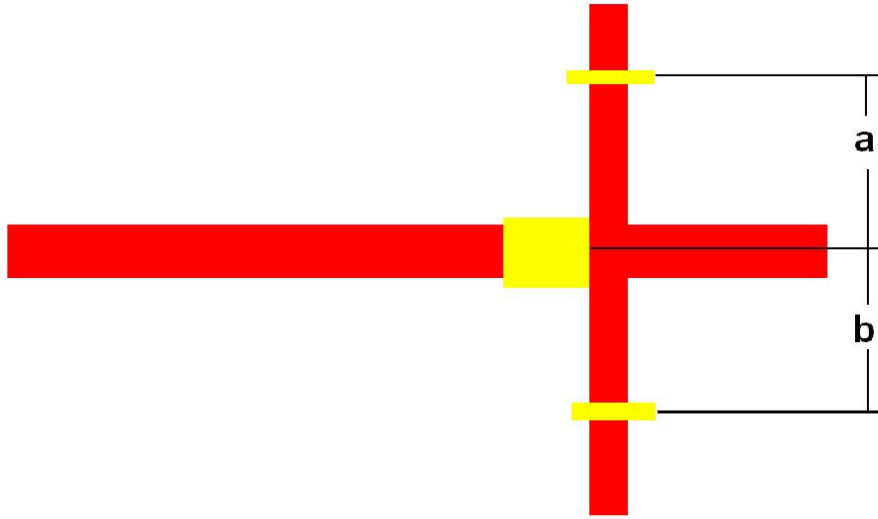


FIGURE 7 - CENTERING OF PUSHER ASSEMBLY

Dimension A must equal Dimension B (must be the same) to prevent the Dozer system from being pulled to one side during a pull.



FIGURE 8 - CHAIN HEIGHT AND POST ANGLE



T
O
W
E
R
E
N
D



FIGURE 9 - FRONT PULL ON PINCHWELD BODY - NOTE CLAMP ORIENTATION AND LOW POSITION ON PUSHER BRACKET

TOWER END

PINCHWELD

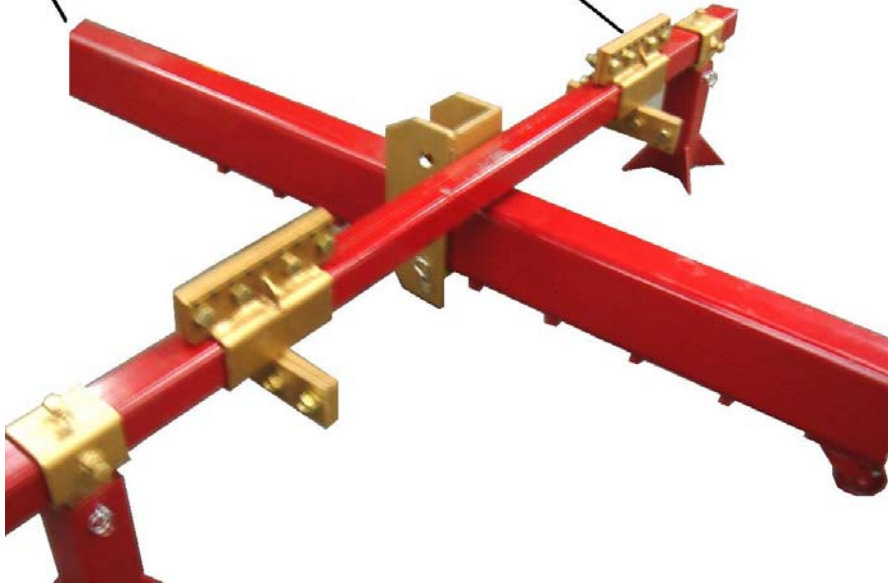


FIGURE 10 - SIDE PULL ON PINCHWELD BODY - NOTE CLAMP ORIENTATION AND LOW POSITION ON PUSHER BRACKET



VII -WARRANTY

Standard Tools will, within one year of purchase date, replace F.O.B. the factory, any materials which are defective in materials and/or workmanship. This warranty is subject to the inspection of the seller and seller's judgment to determine if the items have been modified or subjected to abnormal use, abuse or a lack of proper maintenance. This warranty does not extend to labor costs or loss of use due to defect. It also does not extend to any collateral or consequential damage due to defect.

At the seller's option, the buyer must return the defective items (freight and delivery paid by seller, packaging by item owner) to Standard Tools. The hydraulic ram, hose and pump are subject to the manufacturer's warranties only.

Seller will not be liable to the buyer for any personal injury or property damage arising from the use of this equipment or installation of equipment.

This warranty is limited to the original equipment buyer and is not transferable.

No officer, employee or agent of seller is authorized to make any oral representations or warranty of fitness or to waiver any of the foregoing terms of sale and shall be binding beyond this written warranty.

Standard Tools recommends that the buyer complete the following upon reading of this manual to allow easy access to this information if a call is required to our Customer Service department for any warranty or other relevant concerns.

Purchaser: _____

Address: _____

City, St: _____ Zip: _____

Purchaser's Signature : _____

Date of Purchase: _____

Model Purchased: _____

Order Number: _____