

CLICK ANYWHERE FOR MORE DETAILS



MANUAL PREVIEW

Bobcat

Service Manual

T136 & T136

Volume 1 of 2

purchase full manual at

Service Manual

JENSALES.COM

or Call 800-443-0625



CLICK ANYWHERE FOR MORE DETAILS

THIS IS A MANUAL PRODUCED BY JENSALES INC. WITHOUT THE AUTHORIZATION OF
BOBCAT OR IT'S SUCCESSORS. BOBCAT AND IT'S SUCCESSORS
ARE NOT RESPONSIBLE FOR THE QUALITY OR ACCURACY OF THIS MANUAL.

TRADE MARKS AND TRADE NAMES CONTAINED AND USED HEREIN ARE THOSE OF OTHERS,
AND ARE USED HERE IN A DESCRIPTIVE SENSE TO REFER TO THE PRODUCTS OF OTHERS.

BC-S-T136+

End Roller Boom for T135 and T136

The tailstock sprocket has been replaced by an end roller (wheel) on the digging boom.

Several benefits are realized by this feature. Some of these are as follows:

- Prevents material build-up between chain and roller, especially in sandy digging conditions.
- Less chain wear
- Eliminates need for cushion spring.

To use this on machines with sprocket wheel, a new wheel holder is required and the cushion spring must be removed.

This change is in effect on production machines as of January 1988.

Did You Know That

- T135/T136—Dual Kit on channel boom requires 2 link assemblies 6577450.
- T135/T136—See Parts Fiche to convert sprocket to roller end wheel.
- T108—Drive pulley can be purchased separately.
- T135/T136—Rear differential rock guard is standard equipment.
- T135/T136—Relief pressure on boring valve need to be reset at 2000 PSI.

T116 Air Cleaner Kits

Two air cleaner kits are released as field installed accessories, which can be added to the Trencher.

The kits are:

- Heavy Duty Air Cleaner (6648841)

This air cleaner looks similar to the existing unit installed on production machines, but is twice as large. This unit would not require as frequent servicing as the standard unit. Element part number is 6649391 and pre-cleaner is 6649390.

- Remote Mounted Air Cleaner (6578212)

This air cleaner uses a dual element canister. An air cleaner indicator will also be used. A primary and a secondary element is used. Element part numbers are: 889098 primary, 6598222 secondary. This air cleaner assembly is recommended for use in severe dust applications. **Available May 1988.**

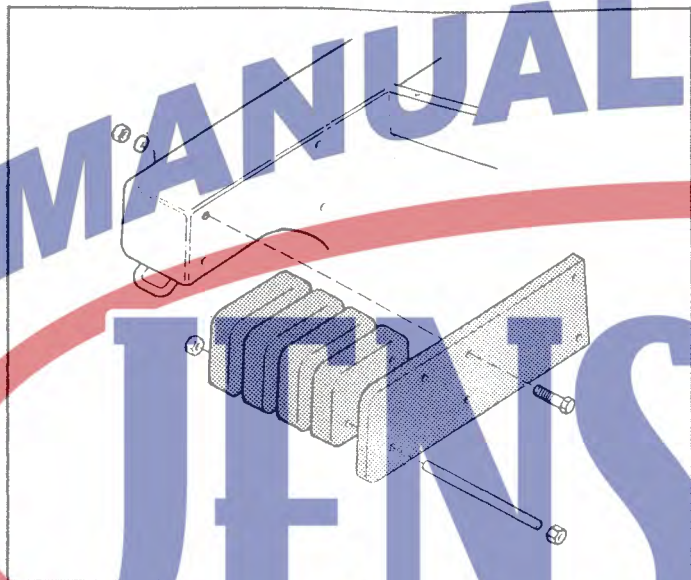
The kits will be available through Melroe Parts Marketing in Chicago, IL. ②



T116 Weight Kits

Two weight kits are available for this Trencher:

6572678 - Front mounted - recommended for backfill blade assembly (WT-120 lbs.).



6572678

6577567 - Wheel mounted - required when using 36" and 48" digging booms. Must be mounted on right rear wheel only.

These weight kits are available through Melroe Company, Sales Department. ^(B)



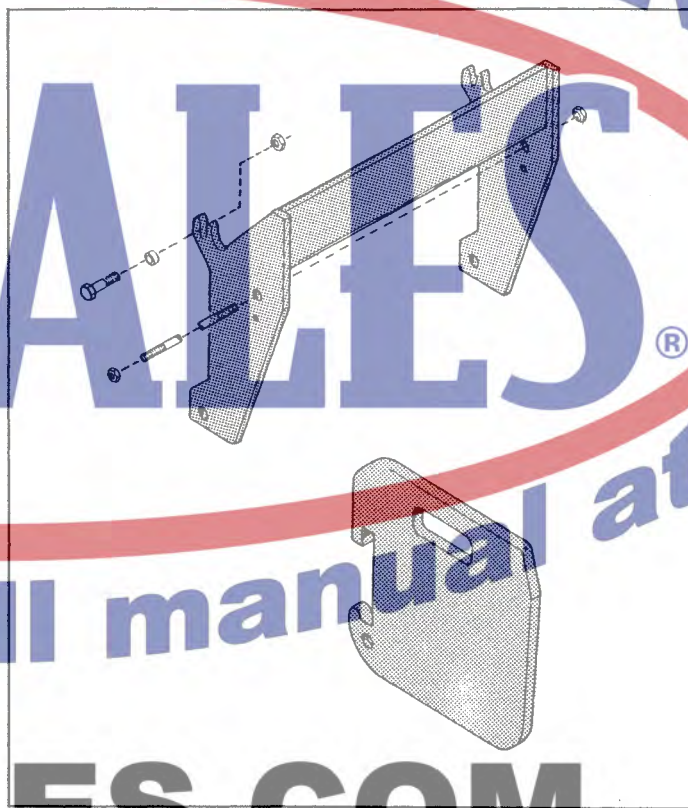
6577567

Improved Front Weight Kit for T135 and T136

A new, front mounted, weight kit (6577659) will be offered for these Trenchers.

The new weight kit is similar to the old kit (6572678), but has these improved features:

- Mounts on the outside of the uprights instead the inside (can be used with grill installed).
- Weights are bolted together, in any combination, to hold them in place. ^(B)



Melroe is an equal opportunity employer.

Service News for Today
March 1988 Volume 2, Number 1

For More Information Contact:
Product Service Department
Melroe Company
P.O. Box 128
Gwinner, North Dakota 58040
Phone: 701-678-6466

*Bobcat is a registered trademark of Clark Equipment Company. Melroe Company is a business unit of Clark.
Printed in U.S.A.

T116

The T116 is now in production. The engine is a P216 Onan, 16 HP, 3600 RPM. The oil filter part number is 6645344. Crankcase oil capacity is 3 quarts. The ignition is solid state, timing is fixed. Timing mark can be located from the left engine side of the machine.

— Other Improvements:

- New dash
- Bobcat key
- New neutral start switches
- Fuse
- Plastic fuel tank

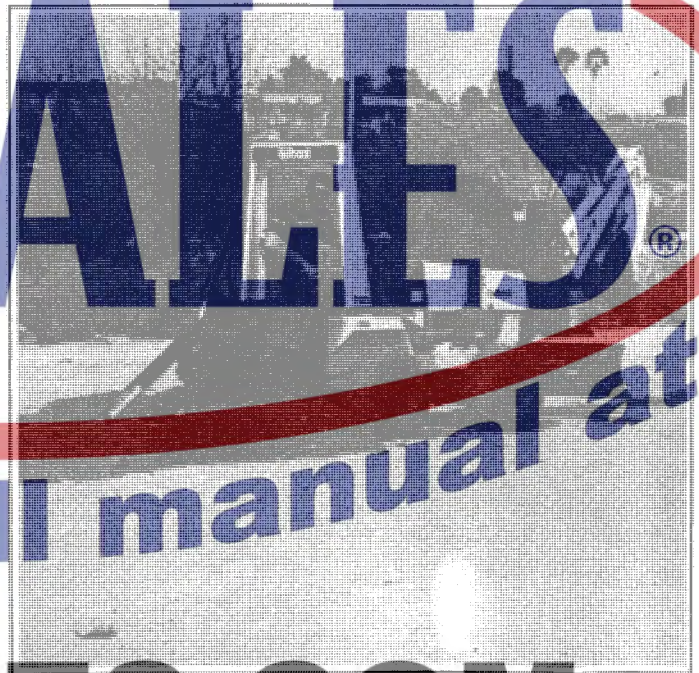


T135/T136

The T135 water cooled gas engine is now in production. The engine is a four cylinder Mitsubishi, rated at 35 HP, @ 2800 RPM. The engine otherwise the same as the 642B.

The T136, lot 12000 is also in production. The improvements to the two models are listed below.

- Stronger main frame for Backhoe mounting.
- Instrument panel revised.
 - Bobcat key
 - Fuel gauge added
 - Tachometer
 - Fuse
 - Engine oil and hydrostatic system warning lights
 - Pressure switch for hourmeter.
- Coolant recovery system added (T136)
- Pre-cleaner removed (This can be ordered as a field accessory from Melroe Parts)
- Muffler cap is replaced w/elbow.
- Hood support added.
- Six way blade option.
- Valve stem on wheels, moved to center of rim for protection.
- Backfill blade and mounting made stronger.
- New neutral start switches. Switches are located on the adjusting plate.



Melroe is an equal opportunity employer.

Bobcat **Service News for Today**

May 1987 Volume 1, Number 1

For More Information Contact
 Product Service Department
 Melroe Company
 P.O. Box 128
 Gwinner, North Dakota 58040
 Phone: 701-686-6466

*Bobcat is a registered trademark of Clark Equipment Company. Melroe Company is a business unit of Clark.

Printed in U.S.A.

bobcat

CLICK ANYWHERE FOR MORE DETAILS

New Information for the T116

The T116 with the Onan engine went into production in May 1987. A revised hood with thicker material has been released, which can be ordered from Melroe Parts. Electrical fuel shut-off valve, serial number 11151 and above, has been added to assure the fuel will not leak into the engine. All earlier built machines will be campaigned.

The 48 inch Boom option is available with a maximum 5 inch digging width. In most cases a single standard chain is best. Using an option wheel weight in the right rear wheel increases traction.

Option weight for the right rear wheel will be released soon. Up to 90 pounds can be added. The front weight should not be used except with a back fill blade, as this reduces the weight on the right rear wheel.

A revised bracket assembly to hold the back fill blade up will be in production soon. This can be used on older machines. (B)



T135/T136

The new T135 gas engine (11000 Lot) and T136 (12000 Lot) went into production in April 1987.

In August a new gear pump will be used that has a cartridge type relief. The backplate assembly with relief will be used to service older machines.

A new hydraulic valve will be incorporated in August 1987. This valve has improvements in the plastic popper seat area to extend service life. A kit will be released that can be used in prior valves.

Option 8 ply rating tires will be available through Melroe Parts. The part number is 6647670.

Engine run-on after the ignition switch if off is being worked on. A kit will be available if it becomes a problem in the T135 only. Contact Gwinner Service for more details.

New tighter specification for the brake disc will be used shortly. Stock at Melroe Parts will be upgraded.



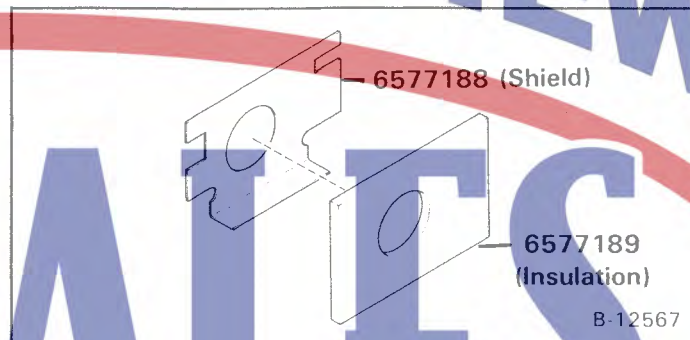
CLICK ANYWHERE FOR MORE DETAILS

bobcat

CLICK ANYWHERE FOR MORE DETAILS

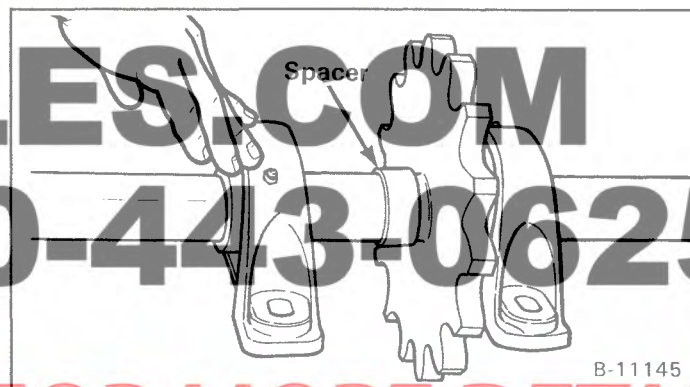
T116 Dipstick Position

 The dipstick used in the transaxle may come in contact with the gears in the transaxle. This is caused by the dipstick tube not being in the correct position. The tube must be positioned so it is perpendicular to the center line of the Trencher. 



T135 and T136

 On dual auger attachment, the spacers are located on each side of the sprocket to keep the sprocket centered on the chain. The length of the spacer may need to be adjusted so the sprocket runs in the proper position. Shorten the spacer and add shim to opposite side to locate the sprocket in the center of the chain. 



T114

 A heat shield is available for the T114 to reduce the hot air circulation to the engine. The shield should be used in high ambient operation conditions. Order 6577188, shield, and 6577189, insulation, from Melroe Parts. 

CLICK ANYWHERE FOR MORE DETAILS