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Mitsubishi

Operator's Manual

MT373D, MT373,
S373D, S373,
& Beaver III

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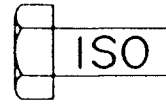


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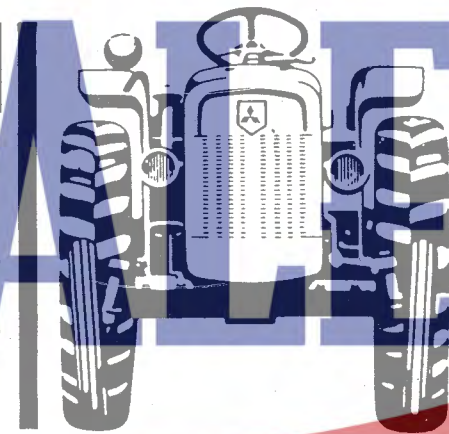
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MITSUBISHI

MT373D MT373

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BEAVER III



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- | | |
|-------------------------|--------------------------------|
| 1. Bonnet | 5. Clutch pedal |
| 2. Muffler | 6. Drag link |
| 3. PTO gear shift lever | 7. Hydraulic pump |
| 4. Rear tire | 8. Front drive diff. gear case |

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REPLACEMENT OF 4-WHEEL DRIVE FRONT AXLE OIL

DIFFERENTIAL CASE OIL AND KINGPIN GEAR CASE OIL

Remove the drain plugs at the bottom of the left and right kingpin gear cases and the differential gear case. After drained oil completely, tighten the plug securely.

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In the case of the front axle differential gear case and the kingpin gear case make lubrication up to the half of the specified level from the lubricating ports on the right and left side of the front axle.

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Remove the kingpin gear case oil level plug in enough time after replenished oil. Check and see the oil level as specified and then tighten the plug enough and securely.

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2. As minus terminal of the battery is body-earthed, be attentive to take proper way for installing and removing the battery. (When installing connect the ⊕ terminal first and for its disconnection ⊖ terminal is to be done first.)
3. In the case of using booster cable, connect and disconnect properly.
4. Being dilute sulfuric acid, electrolyte may bring about dangerous accidents in touch by hands, feet or skin. And take special care about your eyes so that electrolyte may not enter. But in case it adheres to any part of the body accidentally, wash it out at once with a lot of water and go to see a doctor.
5. Any batteries to be removed for maintenance, inspection or charging, or to be thrown away should be kept in the place out of children's eyeshot.

AC GENERATOR

The generator is of an alternator type. Sealed bearings are employed for this generator, so that lubrication is not necessary.

During maintenance, pay attention to the following points.

1. The generator is negative-grounded and if the polarity is reversed, the diode will be damaged. Be careful enough when connecting it to the battery.
2. As the battery voltage is always connected to the terminal A, never run the engine with the terminal A disconnected.



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3. Don't water the alternator at high pressure.
4. Pay full attention to the belt tension so that normal charging may be made.
5. During operation, be sure to set the starter switch at "ON".

LUBRICATION SYSTEM

Oil pump	Trochoid type pump
Oil filter	Paper element filter cartridge type
Oil pressure	.6 kg/cm ² (85.3 psi)

AIR CLEANER

Type	Cyclone dry air cleaner
Filter	Dry paper element type

GOVERNOR

Type	Centrifugal weight type
------	-------------------------

ELECTRICAL SYSTEM

Battery	G100-S6 Polymion 12V — 45Ah
Generator	12V — 15A
Starting motor	12V — 1.6 kw Magnet type
Glow plug	10.5V — 10A Sheathed type

CHASSIS

DIMENSION

Model	2-Wheel Drive	4-Wheel Drive
Overall length	1960mm (77.2 in)	1965mm (77.4 in)
Overall width	960mm (37.8 in)	960mm (37.8 in)
Overall height (to steering wheel)	1180mm (46.5 in)	1180mm (46.5 in)
Wheel base	1280mm (50.4 in)	1300mm (51.2 in)
Ground clearance	270mm (10.6 in)	235mm (9.3 in)
Tread		
Front AG tire	720mm (28.3 in)	785mm (30.9 in)
Front ES tire	790mm (31.1 in)	800mm (31.5 in)
Rear AG tire (standard)	740mm (29.1 in)	740mm (29.1 in)
Rear AG tire (maximum)	890mm (35.0 in)	890mm (35.0 in)
Rear ES tire (standard)	790mm (31.1 in)	790mm (31.1 in)
Rear ES tire (maximum)	840mm (33.1 in)	840mm (33.1 in)
Weight	510 kg (1125 lb)	560 kg (1325 lb)
Turning radius (with brake)	1700mm (67.0 in)	1800mm (71.0 in)
Turning radius (without brake)	2050mm (81.0 in)	2450mm (96.0 in)

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