Operation & Maintenance Manual

SEAM000301



D275A-2

BULLDOZER

SERIAL NUMBERS D275A -10001 and up

WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept near the machine for reference and periodically reviewed by all personnel who will come into contact with it.

NOTICE

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

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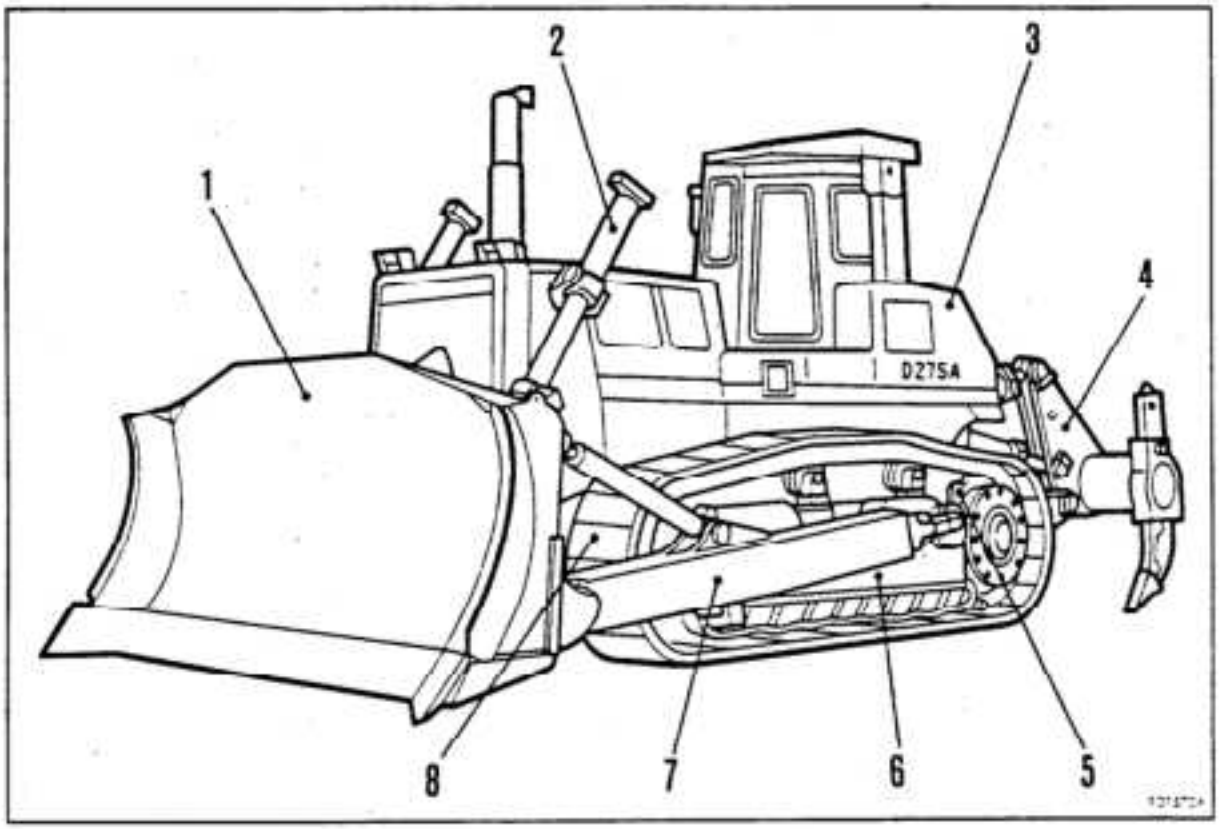
OPERATION

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GENERAL LOCATIONS AND SPECIFICATIONS

1. Blade
2. Blade lift cylinder
3. Fuel tank
4. Ripper
5. Sprocket
6. Track frame
7. Blade frame
8. Track shoe



OPERATING WEIGHT

(with semi U-blade, variable multi ripper, 610 mm width track shoes, ROPS cab and air conditioner) 50000 kg

PERFORMANCE

Travel speed

Forward	Max. 11.8 km/h
Reverse	Max. 14.9 km/h

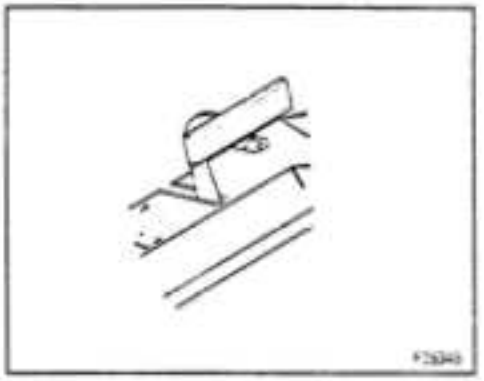
ENGINE

Model	Komatsu S6D170 diesel engine
Flywheel horsepower (at 1800 rpm)	404 HP

NOTE: Specifications are subject to change without notice.

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11. BRAKE PEDAL



Do not place your foot on pedal unnecessarily.

When the brake pedal is depressed, both left and right brakes are actuated.

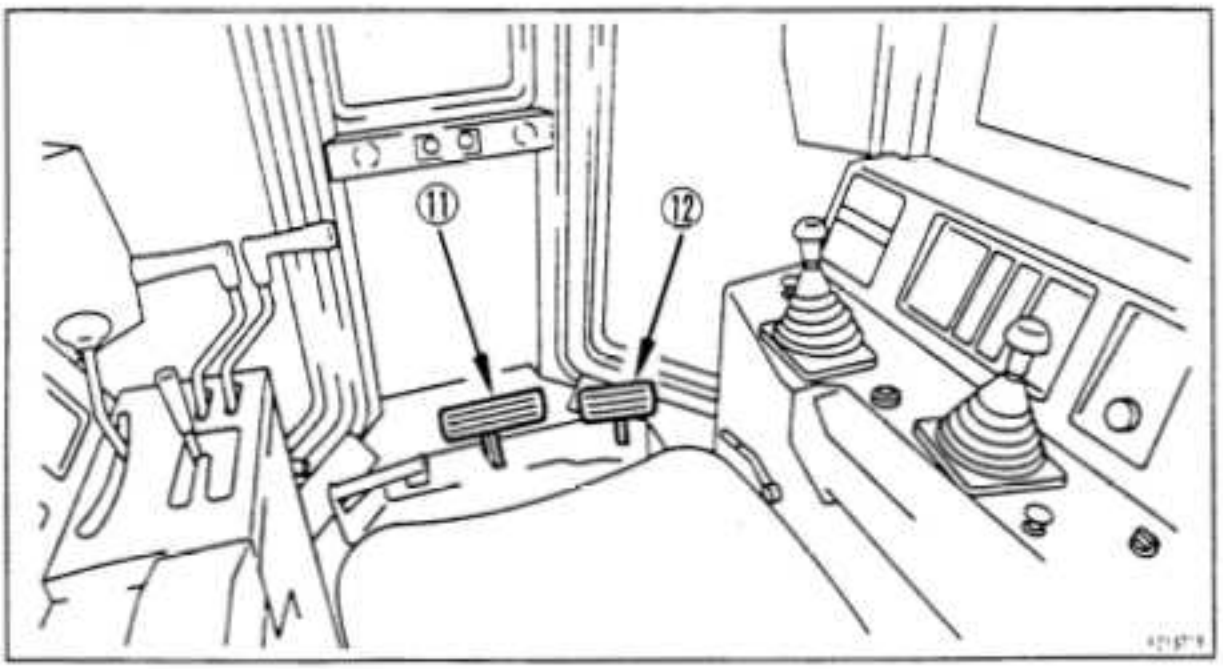
12. DECELERATOR PEDAL



When arriving at the top of a slope, or when dumping earth from a cliff, the machine will increase its speed with the sudden loss of load. Slow the machine by depressing the decelerator pedal.

This pedal is used to reduce the engine speed set by the fuel control lever.

When the pedal is depressed, the engine speed is reduced.



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INSPECTION AND MAINTENANCE

Clean air filter

If the recirculation air filter or fresh air intake filter become clogged, the cooling or heating capacity will drop.

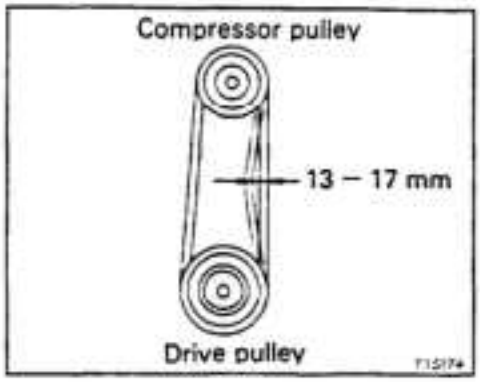
Clean the air filter with compressed air once a week.

Check tension of compressor belt

If the belt is loose, it will slip and the air conditioner will not be able to cool properly.

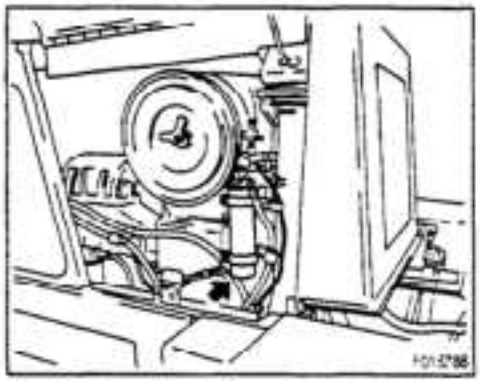
Periodically press the mid-point of the belt with the finger (approx. 10 kg) and check that the deflection is 13 to 17 mm.

When the belt is new, it is particularly liable to stretch, so always adjust it after 2 to 3 days.



Check volume of refrigerant (gas)

⚠ **The refrigerant used in the cooler is colorless and odorless, and is harmless when released into the atmosphere. However if it gets in the eyes or on the hands, it will be cause of burn or loss of sight, so never loosen any part of the refrigerant circuit.**



If there is a lack of refrigerant, the cooling performance will be poor. When the engine is running at full throttle, and the cooler is running at high speed, check the condition of the refrigerant flowing in the refrigerant circuit by looking at the sight glass (inspection window) on the receiver.

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