

ION AND PERIODIC SERVICE CHART

EVERY 150 HOURS

17 Engine oil filter cartridge

Unscrew the oil filter placing a suitable oil pan to catch leaked oil. Coat the gasket on the filter with a film of grease or oil. Turn the filter by hand. Over tightening may cause deformation of rubber gasket.



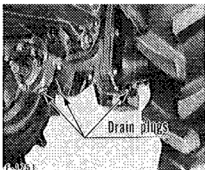
18 Radiator hose

If the tightener band is loose, securely retighten and apply a slight coat of oil.

EVERY 200 HOURS

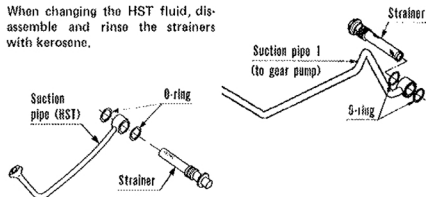
19 HST fluid change

Drain out fluid from plugs. After draining, clean the strainers and change the transmission oil filter cartridge.



20 Strainers

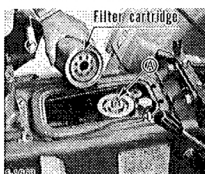
When changing the HST fluid, disassemble and rinse the strainers with kerosene.



21 Transmission oil filter cartridge

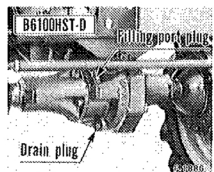
When changing the HST fluid, change the transmission oil filter cartridge.

- Remove the cover and filter cartridge.
- Lightly tighten the screw A by using a screwdriver.
- Apply a slight coat of fluid onto the cartridge gasket.
- Screw it by hand.
- Overtightening may cause deformation of rubber gasket.



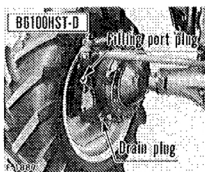
22 Front differential case (4WD)

Remove the drain and filling port plugs. After draining, replace the drain plug and fill with new oil.



23 Front wheel gear case (4WD)

Remove the drain and filling port plugs. After draining, replace the drain plug and fill with new oil.



EVERY 500 HOURS

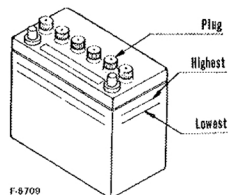
24 Radiator

Clean the radiator interior.

EVERY 1 TO 2 MONTHS

25 Battery

Check if each electrolyte level is between the two lines.



EVERY 3 MONTHS

26 Radiator

Change scale inhibitor and coolant.

EVERY YEAR OR EVERY 6 TIMES OF CLEANING

27 Air cleaner

Change air cleaner element.

EVERY YEAR

28 Radiator

Change anti-freeze and coolant.

EVERY 2 YEARS

29 Battery, radiator hose, fuel pipe, hydraulic hoses, clamps

Change battery, radiator hose, fuel pipe, hydraulic hoses and clamps.

FILL-UP DATA

	Capacity	Lubricants, etc.
Cooling system	4.6 ℓ (4.9 U.S.qts.)	Clean water
Fuel tank	13 ℓ (3.4 U.S.gals.)	Diesel fuel <ul style="list-style-type: none"> Below -10°C (15°F) No. 1 diesel fuel Above -10°C (15°F) No. 2 diesel fuel
Engine crankcase	3.4 ℓ (3.6 U.S.qts.)	Engine oil <ul style="list-style-type: none"> API Service CC or CD Below 0°C (32°F) SAE 10W or 10W-30 0 to 25°C (32 to 77°F) SAE 20 or 10W-30 Above 25°C (77°F) SAE 30 or 10W-30
Transmission case	13.5 ℓ (3.6 U.S.gals.)	Hydrostatic transmission fluid
Front differential case (4WD)	B6100HST: 0.5 ℓ (0.5 U.S.qt.) B7100HST: 1.5 ℓ (1.6 U.S.qts.)	Gear oil SAE 80
Front wheel gear case (Right & left) (4WD)	B6100HST: 0.15 ℓ (0.15 U.S.qt.) B7100HST: 0.5 ℓ (0.5 U.S.qt.)	Gear oil SAE 80
Steering gear box		Gear oil SAE 80
King pin, Brake pedal shaft, Speed control pedal shaft, Center pin, Interlock rod, Front wheel drive lever		SAE multipurpose type grease