

## INITIAL OPERATION (Initial 60 hours)

During this period, pay special attention to the following.

- (1) After the initial 35 hours of use, change the engine oil and clean the oil filter. (See 20)
- (2) After the initial 50 hours of use, change the transmission fluid and the filter cartridge and clean the strainers. (See 21, 22)
- (3) Quick starts or sudden braking should be avoided.

## DAILY CHECK

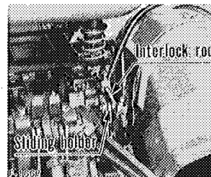
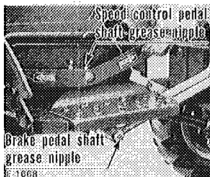
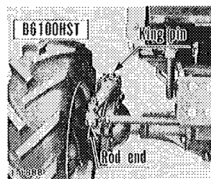
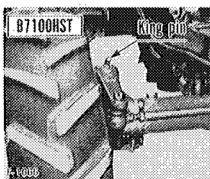
- 1) Check the parts where there was trouble before.
- 2) Walking around the tractor;
  - (1) Check the tire pressure and check for wear and damage.
  - (2) Check for oil and water leaks.
  - (3) Check the engine oil level.
  - (4) Check the amount of transmission fluid.
  - (5) Check if there is enough fuel.
  - (6) Check if there is enough coolant in the radiator.
  - (7) Check for dust load on the air cleaner dust cup.
  - (8) Check the tractor body for damage and check that all bolts and nuts are tight.
  - (9) Check the pilot lamps for failure.
  - (10) Check the S.M.V emblem plate for stains and damage.
- 3) While sitting on the operator's seat;
  - (11) Check the speed control pedal, brake pedal and clutch pedal.
  - (12) Check the parking brake.
  - (13) Check the steering wheel.
- 4) Turning the key switch on;
  - (14) Check the performance of the pilot lamp.
  - (15) Check headlights, tail light and hazard lamps.
- 5) Starting the engine;
  - (16) Check the color of the exhaust fumes.

### Inflation pressure

Front	6-12-2PR (BS)	0.08 to 0.10 MPa (0.8 to 1.0 kgf/cm <sup>2</sup> ) (11 to 14 psi)
	6-12-4PR (BS)	0.14 to 0.21 MPa (1.4 to 2.1 kgf/cm <sup>2</sup> ) (20 to 30 psi)
	6-12-4PR (GY)	0.18 to 0.41 MPa (1.8 to 4.2 kgf/cm <sup>2</sup> ) (25 to 60 psi)
	6.90-9 (GY)	0.12 to 0.18 MPa (1.2 to 1.8 kgf/cm <sup>2</sup> ) (17 to 23 psi)
	4.00-9-4PR (BS)	0.14 to 0.16 MPa (1.4 to 1.6 kgf/cm <sup>2</sup> ) (20 to 23 psi)
	18 x 8.50-8-4PR (GY)	0.12 to 0.16 MPa (1.2 to 1.6 kgf/cm <sup>2</sup> ) (17 to 23 psi)
Rear	20.5 x 8.00-10-4PR (GY)	0.12 to 0.16 MPa (1.2 to 1.6 kgf/cm <sup>2</sup> ) (17 to 23 psi)
	8-16-4PR (BS)	0.12 to 0.15 MPa (1.2 to 1.5 kgf/cm <sup>2</sup> ) (17 to 22 psi)
	8.3-16-4PR (GY)	0.10 to 0.18 MPa (1.0 to 1.8 kgf/cm <sup>2</sup> ) (15 to 26 psi)
	7-16-4PR (BS)	0.04 to 0.14 MPa (0.4 to 1.4 kgf/cm <sup>2</sup> ) (6 to 20 psi)
	7.2-16-4PR (GY)	
	29 x 12.00-15-4PR (BS/GY)	

## EVERY 50 HOURS

### 7 Grease-fitting



## EVERY 75 HOURS

### 8 Engine oil change

Remove the drain plug at the bottom of the engine and drain the oil completely.



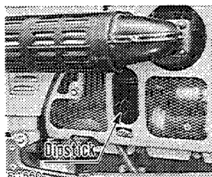
### 1 Fuel

Check the fuel. Take care the fuel level does not fall under the lower limit.



### 2 Engine oil

Check to see that oil level lies between the two lines of dipstick.



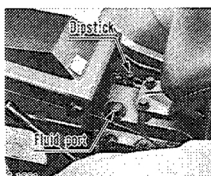
### 5 Air cleaner

Check to see that the dust cup is clean.



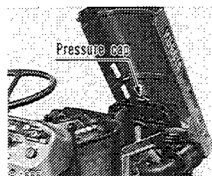
### 3 Hydrostatic transmission fluid

Check to see that fluid level is on the upper line of dipstick.



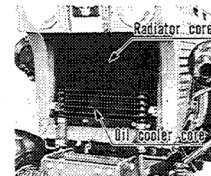
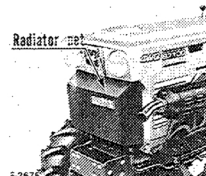
### 4 Radiator

Check to see that the coolant level is just below the port. Never open the pressure cap when the engine is hot.



### 6 Radiator net, radiator core and oil cooler core

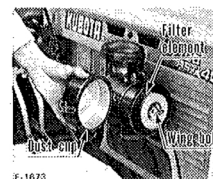
Check to see that the radiator net, radiator core and oil cooler core are clean.



## EVERY 100 HOURS

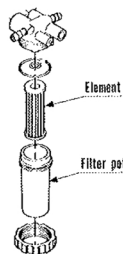
### 9 Air cleaner

Clean filter element. For further details, read label on filter element.



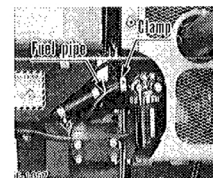
### 10 Fuel filter

Rinse the filter pot and element.



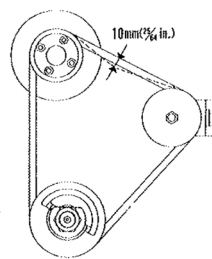
### 11 Fuel pipe

If the clamp is loose, apply a slight coat of lubricant onto the threads and securely retighten it.



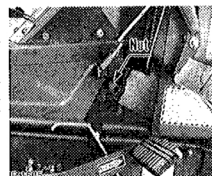
### 12 Fan drive belt tension

The belt should deflect approx. 10mm (3/8 in.) when the center of the belt is depressed with a finger pressure 98N (10 kgf) (22 lbs.).



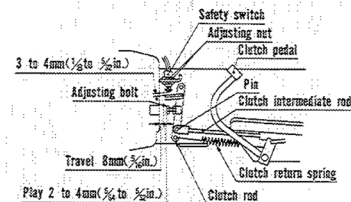
### 13 Steering wheel

Moderate steering play is 10 to 30mm (3/8 to 1 1/8 in.). To adjust this, loosen the nut and turn the adjusting bolt.



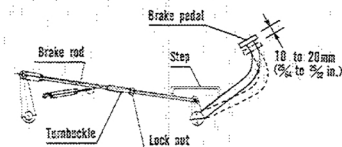
### 14 Clutch

Moderate clutch play ranges from 2 to 4mm (3/16 to 1/8 in.) and moderate clutch travel is 8mm (5/16 in.). If not, adjust the length of the intermediate rod after removing the pin.



### 15 Brake

Moderate right and left pedal play ranges from 10 to 20mm (3/8 to 1/2 in.). If not, loosen lock nut and adjust the rod length by turning the turnbuckle.



### 16 Nozzle piece

Check nozzle piece and change it when horse-power drops abnormally.