

Farmall

2511

3511

4511

OPERATOR'S MANUAL

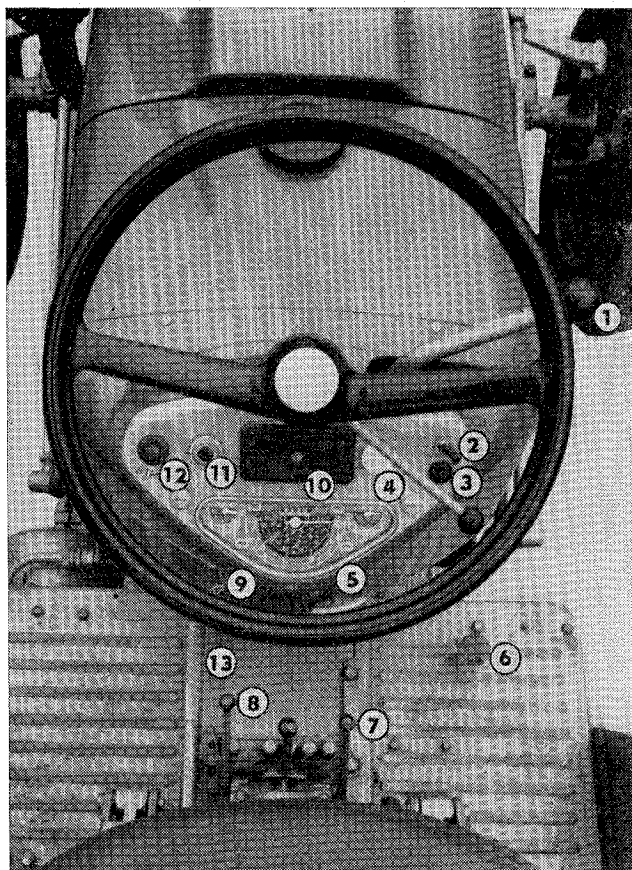
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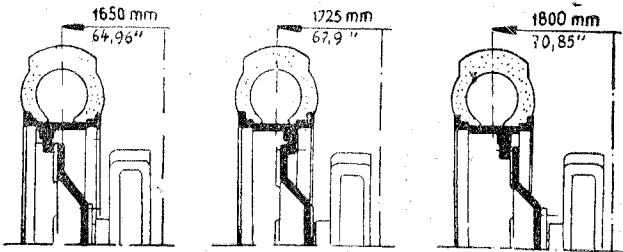
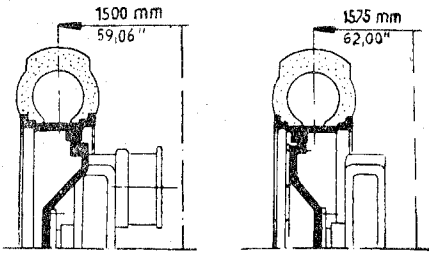
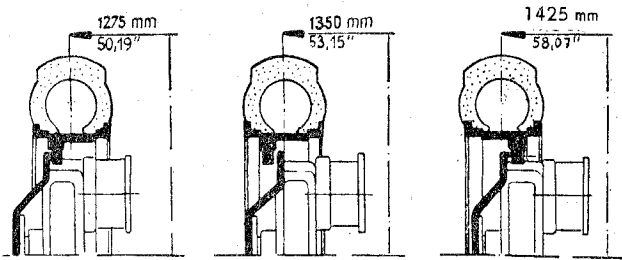
- (1) Gear shift lever
- (2) Change-over switch of the direction indicator
- (3) Horn
- (4) Inspection lamp socket
- (5) Decompressor control
- (6) Foot fuel control pedal
- (7) Reduced gear shifting lever
- (8) Drive shifting lever
- (9) Radiator screen control chain
- (10) Fuse box
- (11) Switch box
- (12) Starter push button
- (13) Hand brake control lever

Fig. 4

When mounting, tighten the bolts properly so that, whilst running, the rim on the wheel disk cannot get loose.

Zetor 2511 and Zetor 3511 tractors are supplied from the Works with the wheel track of the rear wheels set up to 1350 mm (53.14") and with the minimum wheel track of the front wheels of 1275 mm (50.18"). The Zetor 4511 tractor is supplied with the wheel track of the rear wheels set up to 1425 mm (56.10") and with a minimum wheel track of the front wheels of 1350 mm (53.14").

For cultivation it is necessary to change the rims and tyres; choose the wheel track according to the rows of plants.



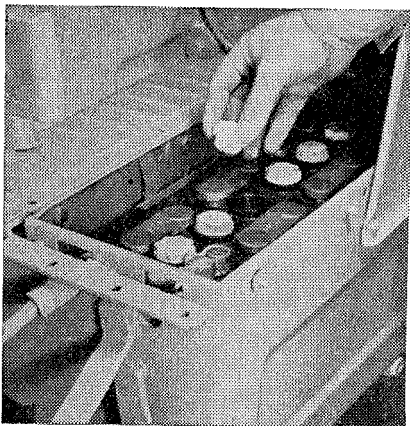


Fig. 19

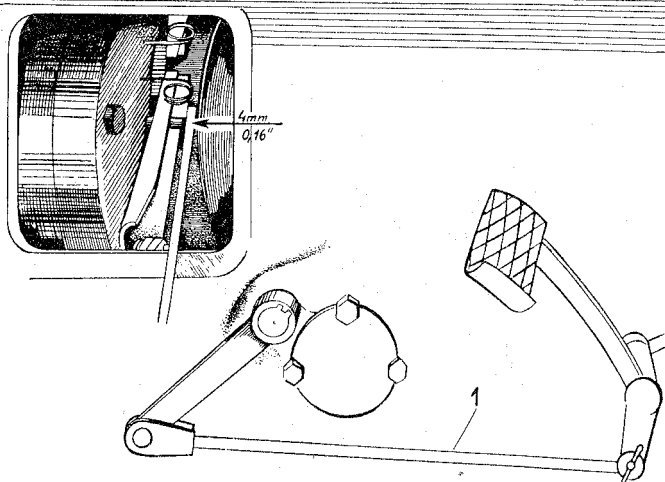


Fig. 20

Engine Defects

Impossible to start the engine

| Cause : | Remedy : |
|---|---|
| Storage battery discharged | Recharge the storage battery |
| The fuel injection pump does not supply fuel: | |
| (a) the fuel cock is closed | open the fuel cock |
| (b) the fuel system is de-aerated insufficiently | de-aerate the fuel system |
| (c) the fuel filters are contaminated heavily | clean the fuel filters |
| (d) fuel supply regulation is not set for full delivery | set the lever for full delivery, use the correction starter, if necessary |

The engine runs irregularly

| | |
|---|---|
| (a) air in the fuel piping | loosen the cap nuts on the injector and crank the engine until Diesel oil flows out without bubbles (de-aerate) |
| (b) some tightening nuts of the fuel pipes between the injection pump and injectors are tightened insufficiently and Diesel oil leaks | tighten the nuts |
| (c) some injector nozzles are choked | inspect and clean them |
| (d) dirt in the seat of the delivery valve | dismantle and clean it |

The engine output is insufficient

| | |
|---------------------------------------|---|
| (a) some nozzles are seized or choked | inspect, replace the nozzle, if necessary |
|---------------------------------------|---|

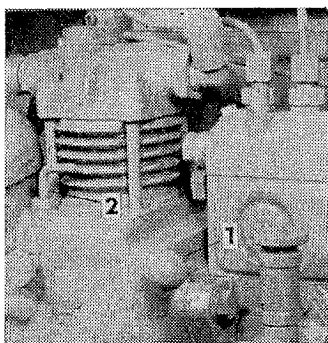


Fig. 33

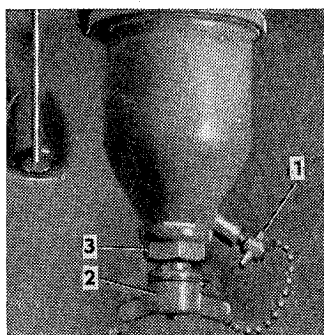


Fig. 34

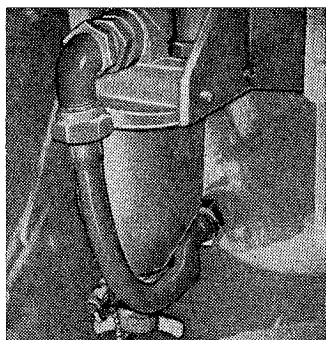


Fig. 35

Air Compressor (Fig. 33)

This is used for inflating tyres and for pneumatic brakes.

Control:

Engagement is carried out at idling speed of the engine (500 r. p. m.) by the shift lever (1). When engaging or disengaging, it is necessary always to lift up the lock (2).

Maintenance

Always after 1000 engine-hours change the inflator insert as follows:

Unscrew the bottom nut (Fig. 34/3), whereby the inflator covering is loosened. Replace the insert with a new one and cleanse the covering.

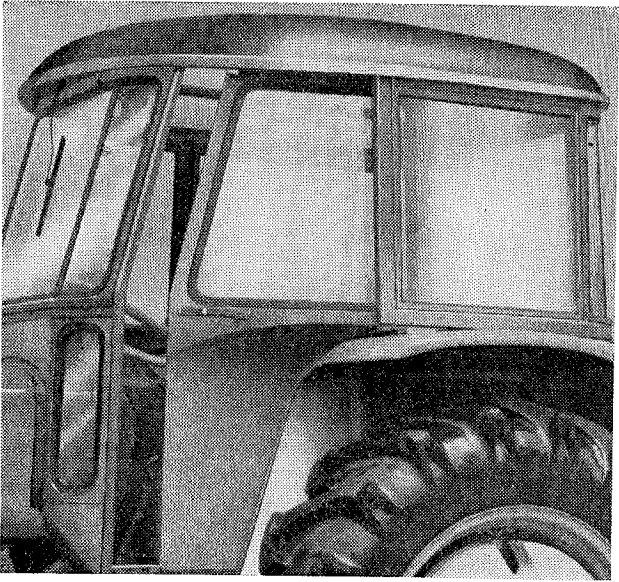
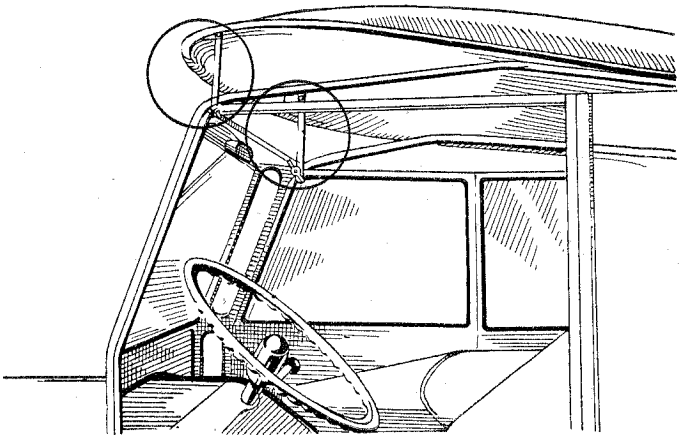


Fig. 46



XI. Main Dimensions and Weights

| | Zetor 2511 | Zetor 3511 | Zetor 4511 |
|--|---|-----------------------------|---------------------------------------|
| | ploughing design (10-24) | ploughing design (11-28) | ploughing design (13-28) |
| Length | 3040 mm (119.52'') | 3266 mm (128.83'') | 3555 mm (140.95'') |
| Width (rear wheel track being 1350 mm — 53.14'', 1425 mm — 56.1'' — Zetor 4511) | 1620 mm (63.83'') | 1652 mm (65.50'') | 1790 mm (70.47'') |
| Height up to upper rim of steering wheel | 1456 mm (57.28'') | 1525 mm (60.03'') | 1620 mm (63.77'') |
| Road clearance | 360 mm (14.17'') | 400 mm (15.75'') | 436 mm (17.16'') |
| Height of swinging drawbar from the ground (at the fork center) | 310 mm (12.20'') | 350 mm (13.78'') | 500 mm (19.68'') |
| Wheel base | 1745 mm (68.70'') | 1918 mm (75.55'') | 2125 mm (83.36'') |
| Front wheel track adjustable | 1275 mm—1575 mm— 1725 mm (50.18''—62''—67.91'') | | 1350—1750 mm (53.14''— 68.89'') |
| Rear wheel track adjustable by 75 mm (2.95'') | 1275 mm—1800 mm (50.18''—70.86'') | | 1425 mm—1800 mm (56.15''—70.86'') |
| Weight of tractor standard design without special accessories | 1340 kg (2950 lbs.) | 1530 kg (3375 lbs.) | 2010 kg (4425 lbs.) |
| from which: | | | |
| front axle load | 590 kp (1300 lbs.) | 700 kp (1550 lbs.) | 900 kp (1984 lbs.) |
| rear axle load | 750 kp (1654 lbs.) | 830 kp (1830 lbs.) | 1110 kp (2425 lbs.) |

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