

Controls and Dash-Board

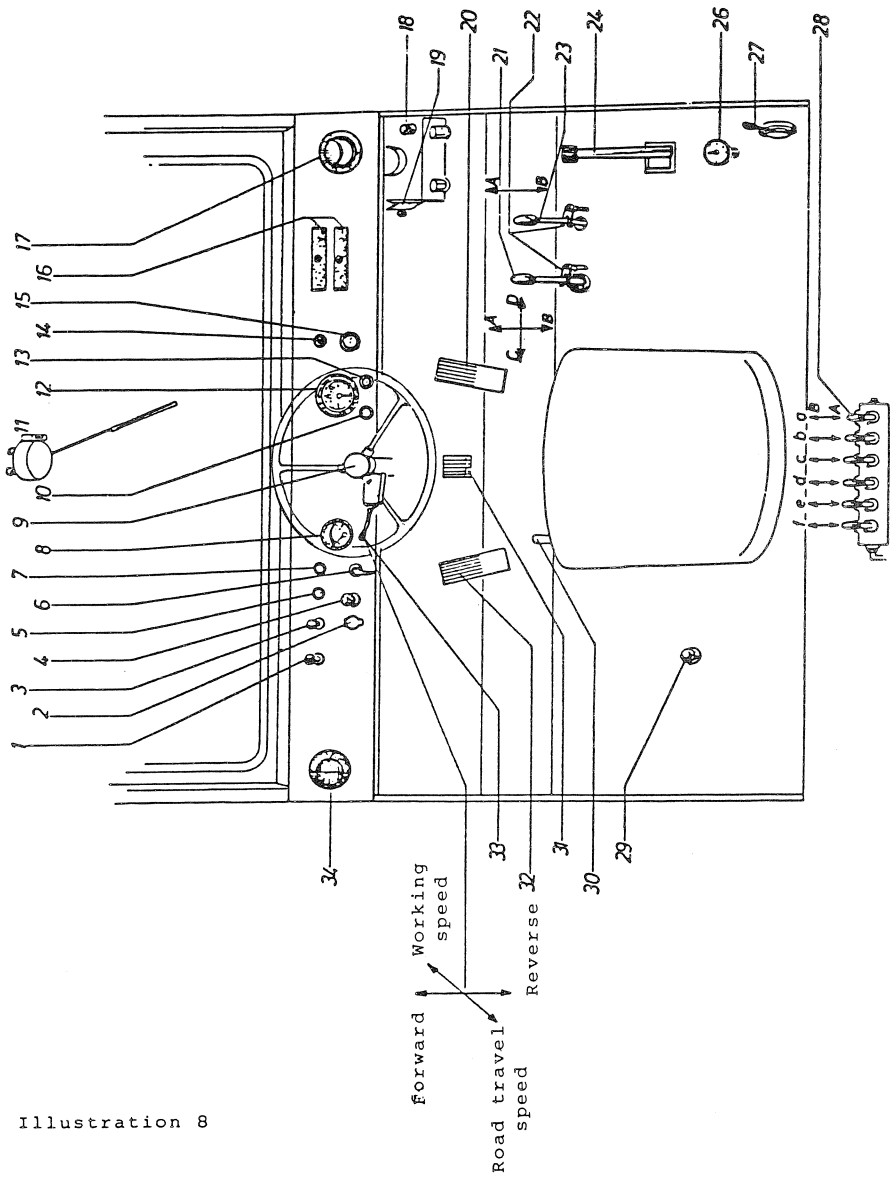


Illustration 8

3. Controls and Dash-Board

- 1 Switch for auxiliary heating (optional)
- 2 Socket 12 V
- 3 Pulling-switch for heating (standard)
- 4 Pulling-switch, emergency flashers
- 5 Head-lamp tell-tale
- 6 Indicator switch
- 7 Indicator tell-tale
- 8 Fuel gauge
- 9 Horn-push-button
- 10 Oil pressure warning lamp
- 11 Windscreen-wiper switch
- 12 Hourmeter
- 13 Battery charging tell-tale
- 14 Starter push-button
- 15 Ignition-light switch
- 16 Fuse box
- 17 Hot air outlet
- 18 Hot air outlet direction knob (summer/winter position)
- 19 Leg-room hot air outlet flap
- 20 Accelerator pedal and engine cut-out
- 21 Control lever for loader hydraulics (with push-button for tilt lock)
- 22 Locking device for control lever
- 23 Control lever for auxiliary hydraulics
- 24 Parking brake lever
- 25
- 26 Pressure gauge, hydraulic filter (intake)
- 27 Manual throttle (optional)
- 28 Control valve for backhoe (optional)
- 29 Choke
- 30 Lever for sliding seat
- 31 Foot pedal for differential lock (optional)
- 32 Brake pedal (inching pedal)
- 33 Drive control lever - forward/reverse
- road travel/working speed
- 34 Hot air outlet, auxiliary heating (optional)

Bucket/Attachment Operation

Working with a bucket :

Lever (Illustration 8/21) moved towards position A - lowers lift arms
Lever (Illustration 8/21) moved towards position B - raises lift arms
Lever (Illustration 8/21) moved towards position C - tilts bucket
Lever (Illustration 8/21) moved towards position D - dumps bucket

Working with a multi-purpose bucket :

Lever (Illustration 8/21) moved towards position A - lowers lift arms
Lever (Illustration 8/21) moved towards position B - raises lift arms
Lever (Illustration 8/21) moved towards position C - tilts bucket
Lever (Illustration 8/21) moved towards position D - dumps bucket
Lever (Illustration 8/23) moved towards position A - opens bucket
Lever (Illustration 8/23) moved towards position B - closes bucket

Working with a pallet fork :

Lever (Illustration 8/21) moved towards position A - lowers lift arms
Lever (Illustration 8/21) moved towards position B - raises lift arms
Lever (Illustration 8/21) moved towards position C - tilts teeth back
(Press button on lever at same time)
Lever (Illustration 8/21) moved towards position D - tilts teeth forward

Working with telescopic high-lift :

Lever (Illustration 8/21) moved towards position A - lowers lift arms
Lever (Illustration 8/21) moved towards position B - raises lift arms
Lever (Illustration 8/21) moved towards position C - tilts mast back
(Press button on lever at same time)
Lever (Illustration 8/21) moved towards position D - tilts mast forward
Lever (Illustration 8/23) moved towards position A - lowers teeth
Lever (Illustration 8/23) moved towards position B - raises teeth

Working with a backhoe :

Lever "a" (Illustration 8/28) towards position A - lowers left stabilizer
Lever "a" (Illustration 8/28) towards position B - raises left stabilizer
Lever "b" (Illustration 8/28) towards position A - empties bucket
Lever "b" (Illustration 8/28) towards position B - fills bucket
Lever "c" (Illustration 8/28) towards position A - swings boom to right
Lever "c" (Illustration 8/28) towards position B - swings boom to left
Lever "d" (Illustration 8/28) towards position A - extends dipperstick
Lever "d" (Illustration 8/28) towards position B - folds dipperstick
Lever "e" (Illustration 8/28) towards position A - lowers boom
Lever "e" (Illustration 8/28) towards position B - raises boom
Lever "f" (Illustration 8/28) towards position A - lowers right stabilizer
Lever "f" (Illustration 8/28) towards position B - raises right stabilizer

IMPORTANT

The hydraulic functions can be carried out simultaneously.

Engage the hand-brake if the loader is working in a stationary position
(Illustration 8/24)

Lower bucket to ground and engage hand-brake when not actually working
with the machine (even if it is only a short break).

3.1 Start-up

3.2 Starting the Engine

- (1) Engage parking-brake (Illustration 8/24).
- (2) Place drive control lever in neutral position (Illustration 8/33).
- (3) Turn ignition key to the right to position 1 (battery and oil pressure warning lamps light up) (Illustration 8/15).
- (4) Press accelerator pedal (Illustration 8/20) to the bottom.
- (5) Press starter button (Illustration 8/14). Release as engine starts.

ATTENTION

Do not press the starter for more than 10 seconds. Wait one minute before repeating.

Oil pressure and battery warning lights must go out once the engine is running.

3.3 Cold Temperature Starting

Pull and release the choke (Illustration 8/29) before commencing the process explained under 3.2 whenever the engine or weather are cold.

IMPORTANT

The engine cannot be started by towing the loader.

3.4 Cabin Heater

3.4.1 Standard Heating System

Utilization :

- (1) Open hot air outlet (Illustration 8/17).
- (2) Pull direction knob (Illustration 8/18) upwards (winter position) to direct hot air stream into cabin.
- (3) Open flap (Illustration 8/19) to heat leg-room.

3.4.2 Auxiliary Heating and Ventilation

Technical Specifications :

- Eberspächer D 1 L
- Diesel Consumption ca. 0,21 l/h
- Voltage 12 V
- Output 1700 W

The installation can be used to provide fresh air or additional heating.

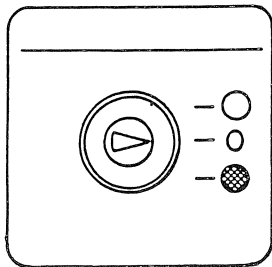




Illustration 9

Instructions :

Turn switch (Illustration 9)

Position  = fresh air

Position  red = hot air blower

The control lamp (arrow) lights up in both positions.

- (3) Air stream outlet — either windscreen only (Illustration 8/34) or. alternatively, both windscreen and leg-room at same time.

Malfunctions can be overcome by repeating the start-up procedure.

If the heater fails to start, check the fuse under the cover flap.

The blower is stopped by turning the switch to "0"

ATTENTION

Leave flow of current from battery for 3 minutes after switchin off the blower. Do not cut off.

WARNING

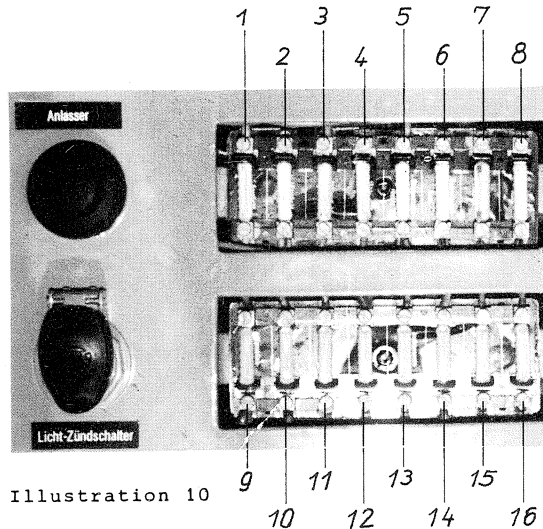
The heater may not be used in closed rooms or while the loader is being refuelled.

3.5 Lights

The lights are switched on by turning the ignition key
(Illustration 8/15)

Position "1" - Ignition
Position "2" - Parking lights
Position "3" - Head lamps
Position "4" - Full beam

Fuse box



- 1 - Full beam right
- 2 - Full beam left
- 3 - Dipped headlamp right
- 4 - Dipped headlamp left
- 5 - Lateral light right
- 6 - Lateral light left
- 7 - Tail light right
- 8 - Tail light left
- 9 - Emergency flashers
- 10 - Direction Indicator
- 11 - Drive
- 12 - Hooter
- 13 - Dash-board
- 14 - Standard heater
- 15 - Wipers
- 16 - Stop light

1.6 Driving with the Loader

- (1) Release parking brake (Illustration 8/24).
- (2) Select gear (Illustration 8/33) working or road travel speed, depending on the application.
- (3) Select forward or reverse drive (Illustration 8/33).
- (4) Press the accelerator (Illustration 8/20).

IMPORTANT

Driving the loader is straightforward. It is possible to change gear and to switch from forward to reverse or vice-versa by flicking the lever while driving. There is no need to stop the machine. Do not, however, switch from road travel to working speed if the loader is travelling at a high speed. The operator can reach the maximum speed of each gear simply by pressing the accelerator.

Pressing the accelerator affects both travel speed and wheel torque. The wheel torque increases as the speed decreases, when the accelerator is kept in the same position, e.g. when driving up a slope at full throttle, or in difficult terrain. The greatest wheel torque can be achieved when travelling at close to 0 km/h in working gear.

Speed and wheel torque are identical in forward and reverse drive.

3.7 Working with the Loader

Driving with a Load

Keep load close to the ground for optimal stability and driving power.

Scraping and Levelling

Place lift arms in lowest position. Adjust bucket angle according to wheel size and ground conditions.

Both jobs can be carried out in working or travel gear. Levelling is best done, while driving backwards.

Bucket Size/Operating Capacity (Payload)

Never exceed operating capacity of 1210 kg, no matter which bucket is used.