



DBT Diesel FBL-10 LHD/UTILITY VEHICLE



Operators Manual

Grass Tree

Underground Mine

Serial No:

Plant No:

DBT Diesel Pty Limited
Phone: 49 700 000
Fax : 49 700 001

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

3.1.2 Transmission Gear Control Lever

The gear control lever has four positions, FIRST, SECOND, THIRD, and FOURTH. Shifting to a higher or lower speed may be made at full engine rpm.

NOTE:

The transmission in the FBL-10 is modulated. This prevents severe shocks being transmitted through the drive train when the transmission is shifted between gears.

3.1.3 Transmission Directional Control Lever

A directional control lever controls the transmission. This lever has three positions, FORWARD, NEUTRAL and REVERSE. The engine should be at low idle when the transmission is shifted from the NEUTRAL position to either FORWARD or REVERSE direction.

NOTE:

The transmission must be placed in the NEUTRAL position for the starter motor to engage when starting the engine.

Warning:

If the engine starts when the transmission is not in neutral the machine shall be tagged out until the problem is rectified

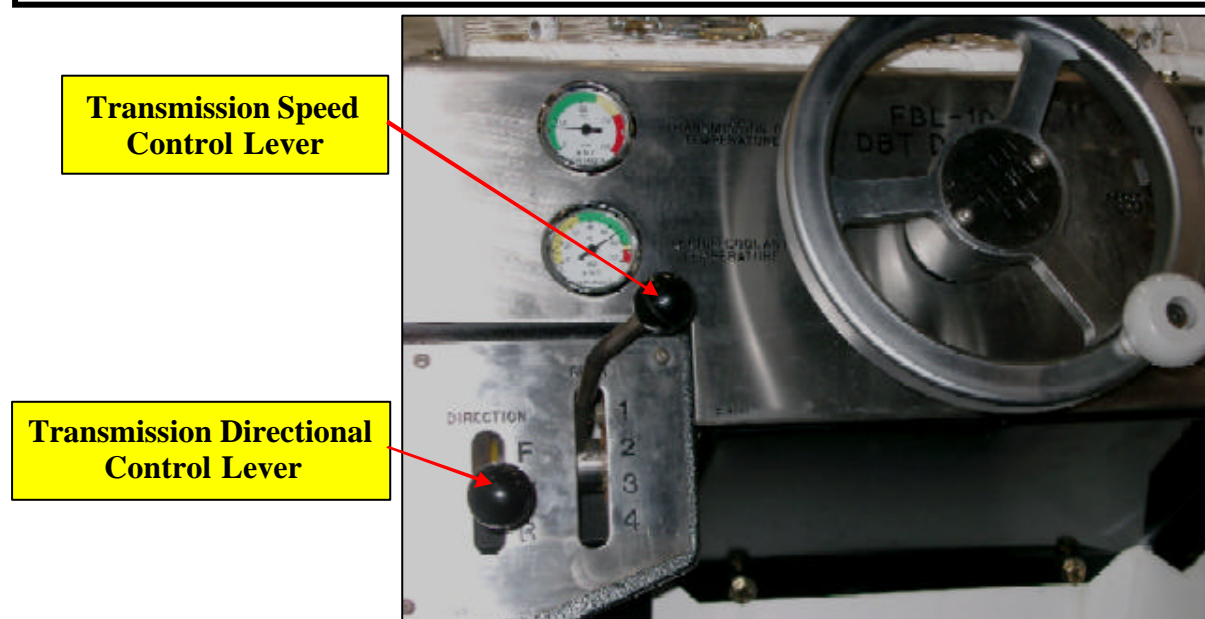


Figure 3.1.2 Transmission Controls

4. MACHINE ISOLATION

Before commencing work on the machine, it is imperative to ensure the system to be worked on is correctly isolated. This may also require the isolation of other systems that

4.1 Engine Isolation

To isolate the engine perform the following procedure:

1. Select "NEUTRAL" on transmission directional control lever
2. Apply the "Park Brake"
3. Shutdown the diesel engine.
4. Fit a Danger tag to the ON/OFF toggle valve.
5. Connect the steering lock and chock the wheels.
6. Close the Main air Isolating valve (See Pneumatic isolation Section 4.2)



Figure 4.1.1 Air pressure isolation and indication in operators compartment



Figure 4.1.2 Main Air Isolating Valve

7. POST START CHECKS

The following test are required to be performed with the engine running.

7.1 Check gauges are on correct operational pressure

- a) Gauges colour coded (Should read in green area)

7.2 Check Function of Bucket Hydraulic system

7.3 Check steering function

7.4 Check park brake operation (Gauge must read 1500 psi with brake off)

- a) Move off slowly and apply the park brake

7.5 Check that all of the lights are working.

- a) There are two forward and rear facing headlights
- b) Control switch is operation

7.6 Check the transmission oil level.

- a) Always check when the transmission is warm
- b) Once the correct transmission fluid temperature has been reached park the FBL-10 on flat, level ground and leave it running.
- c) Place the FBL-10 in neutral and apply the park brake
- d) Access the dipstick from the operators cabin through the access hole cut in the cover over the top of the transmission. This panel is located between the Driver's compartment and the hydraulic tank.
- e) The engine should be idling at 500-600 rpm.
- f) Remove the dip stick by pulling upwards and wipe with a clean, lint free cloth.
- g) Re-insert the dipstick into the spout, remove and push it all the way home.
- h) Withdraw the dipstick and check the oil level. The level is to be maintained at the FULL mark.

7.7 Check the shutdown system

- a) Run the engine at high idle
- b) Press the shutdown test button and hold for two seconds
- c) Machine should shutdown and low oil pressure LED light should be on

WARNING

If the engine does not shut down do not use the machine. Report it to the maintenance department for repairs.

14. DUMPING

ALWAYS:

Keep your dump area clean and clear of chunks on the roadway

1. Standard Dumping

1. As you approach to dump a load, release your foot from the throttle pedal and reduce speed (Apply service brakes).
2. Raise your boom to clear any guards or obstructions
3. When you are in dumping position the boom should be fully raised.
4. Push the bucket control joystick to the left - the bucket will fully dump.
5. When dumping into a boot, care should be taken to avoid damaging the structure of the boot. Approach the boot with the lift arm raised sufficiently to clear the tailgate.
6. Move in as far as possible without damaging either machine and dump the bucket.
7. In most cases it will be necessary to roll back the bucket before moving the machine away from the boot.

DO NOT:

Carry load with the boom in a raised position

2. Ejecting

1. For limited height application raise the bucket as high as possible
2. Roll it forward until the bottom of the bucket is level with the floor or tilted slightly downward.
3. Push the RAS ejector bucket control lever (Lever closest to the driver) forward to eject the load.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL