

Brookville Equipment Corporation
Product Information Bulletin 71 (04/11/2014)
Brookville Diesel Mining Equipment
Instructions for Performing Brake Test

Purpose:

To clarify the proper procedure for performing brake test on Brookville diesel powered equipment with multi-speed transmissions. Due to the many options of engines, transmissions, axles, braking equipment, etc along with improvements in design and engineering that Brookville has provided over the years the translation of that information into the proper operating and maintenance procedures is sometimes conflicting. For the matter of clarity, this bulletin includes the proper brake testing procedure for all Brookville diesel powered equipment with multi-speed transmissions.

Action:

The following procedures can be used to test the holding capability of the service and emergency/park brakes on Brookville diesel powered equipment regardless of the vehicles features and options.

SERVICE BRAKE:

1. Start vehicle and set engine to low engine rpm.
2. If the vehicle is so equipped, depress the deadman pedal.
3. Apply service brake.
4. Place transmission shifter control in the appropriate direction and the speed lever in the **highest** gear.
5. Make sure all observers are clear.
6. Slowly move the throttle to full position.
7. The vehicle should not move. If movement takes place, refer to adjustment procedure of your Brookville Maintenance Manual.

...continued next page

CHECK EMERGENCY/PARK BRAKE:

1. Start vehicle and set engine to low engine rpm.
2. If the vehicle is so equipped, depress the deadman pedal.
3. Set parking brake.
4. Place transmission shifter control in the appropriate direction and the speed lever in the **highest** gear.

NOTICE

Some vehicles are equipped with a feature that will not allow the transmission to engage unless the emergency/park brake is released. Vehicles with this feature are equipped with an Emergency/Park Brake Test Button located on the gauge panel or control station. This test button must be pressed and held while performing this test.

5. Make sure all observers are clear.
6. Slowly move the throttle to full position.
7. The vehicle should not move. If movement takes place, refer to adjustment procedure of your Brookville Maintenance Manual.

Units Affected:

All Brookville manufactured diesel mining equipment.