

What the HBD Does

- Adds torque to the driveline, assisting the diesel engine during acceleration up to 35 mph
- Reduces the power demand from the diesel engine during the acceleration up to 35 mph by approximately 50%
- Reduces the power through the transmission during acceleration up to 35 mph by approximately 50%
- Reduces maintenance on the engine and transmission
- Extends the life of the engine and transmission
- Reduces fuel consumption
- Reduces emissions
- Provides braking from 35 mph down to about 3 mph
- Eliminates most service brake use below 35 mph
- Extends the life of the service brakes
- Disengages the electric drive above 35 mph

What the HBD Does Not Do

- Does not alter the engine or transmission
- Does not require difference in operation or driver training
- Does not add boost at steady speed driving
- Does not add boost above 35 mph
- Does not assist braking above 35 mph
- Does not assist braking or retard speed down long grades
- Does not run with the engine off
- Does not start the engine