



Technical Bulletin

Parts and Service news

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To: All Harlan Tractor/Parts Customers

Subject: High Stall Torque Converter # 02045-0202

Harlan is proud to announce we are now able to provide a high stall torque converter designed specifically for the Harlan towing tractor.

The high stall speed of the torque converter reduces the vibration of the tractor when setting at idle and in gear, due to the fact that the converter is not transmitting the engines power through the drive train. This reduces operator fatigue and unnecessary wear on the tractor. On diesel units nuts and bolts vibrating loose and vibration damage to gauges and senders will be reduced or eliminated.

The high stall torque converters reduction to the drawbar performance of the tractor is minimal. After testing the performance of this torque converter on an 8,000 lbs. drawbar tractor the performance of the unit was diminished only 8%. Thus, the tractor will pulled 73,000-74,000 lbs. before the converter slipped. On units with drawbar ratings lower than 8,000 lbs. performance was not effected.

The torque converter Harlan is offering is designed to optimize the performance of the engine and the Harlan high torque rear axles. The tractor will operate smoothly and will not jump or jerk when the operator shifts into gear or during accelerated shifting of gears. This enables the use of the standard 3-speed C-6 transmission and eliminates the need for first gar to be locked out, as on the 2-speed versions. Hydraulic transformation of the engine power to the driving system greatly increases startability, acceleration, operation and adaptability to loads. Reduced operator fatigues, simplified operation, wear reduction and increased service life is the immediate benefits of this torque converter.

High Stall Back Side



Installed in C-6 Transmission

