

TORX PLUS® DRIVE BENEFITS PRODUCT QUALITY

ACHIEVES PROPER CLAMP LOAD

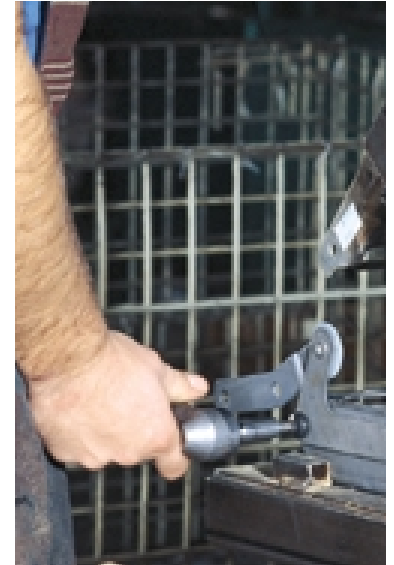
If the proper clamp load isn't reached, or if camout forces a driver out of the recess before it is fully seated, the fastened joint can easily loosen. This can lead to leaks, squeaks, rattles or even complete joint failure, which may require service in the field and result in higher warranty rates.

TORX PLUS Drive is the only drive system designed to ensure optimum torque transmission and, ultimately, required clamp load.

MINIMIZES REWORK

Poor torque transfer due to drive bit wear can result in a poorly built component that needs to be disassembled, reworked, and reassembled, which adds labor as well as material costs. Scrapped rejects – components that cannot be reworked – represent wasted costs.

The longer bit life of the TORX PLUS Drive helps ensure that proper torque transmission occurs consistently.



PREVENTS DAMAGE TO APPLICATION

If tool slippage or camout forces the driver out and across a component, damage to the surrounding surfaces, such as scratches and dents, can occur. TORX PLUS Drive recesses completely enclose the driver tip, preventing tool slippage. That design feature, along with minimal camout, means the TORX PLUS Drive bit will stay where it belongs, preventing damage to itself, the fastener recess, and the application.



Camout and tool/recess wear can also create damaging debris. This diminishes the aesthetic value of the fastener, and, more importantly, can cause irreparable damage in electronic assemblies, airbags, and other critical applications.

The longer life of the TORX PLUS Drive minimizes tool and fastener wear, and its straight sidewalls virtually eliminate camout. That makes the TORX PLUS Drive the optimal drive system for every application.

REDUCES WORKER FATIGUE AND MUSCULAR STRESS

Workers can experience fatigue and muscular stress during the manual assembly of cruciform or slot drive fasteners, caused by the pressure they must exert to keep the driver engaged in the recess (end load) This can lead to reduced productivity or even injuries.

Ergonomic studies demonstrate that the TORX PLUS Drive System can reduce fatigue and muscular stress during the manual assembly of fasteners. That's because little or no end load is required to keep the driver engaged in the recess.

