

Damage Protection for Well Service Pumps

TORQUE FUSES STOP OVER-TORQUE DAMAGE



POWERTRAINSAVERS®

Note: Torque Fuses are tensile tested, weight rated and are designed to shear when a torque-overload occurs.

www.powertrainsavers.com

Torque Fuses Protect Pump Components

The Power Train Saver bolt on flange unit works for all sizes of well service pumps. One end of the PTS unit bolts up to the input flange on the power end of the pump and the other end to the companion flange of the drive shaft.

The Power Train Saver has fuses that are set to shear at a pre-determined ft/lb rating. The rating is set higher than the ft/lbs needed to achieve the maximum pump rated PSI. This safety factor allows the equipment to operate from day to day without shearing the torque fuses, even when occasional pressure spikes occur. However, when sand-offs, cavitating, or other blockages occur, the Torque Fuses shear saving the pump from catastrophic damage. After shearing, the unit rotates on an internal support system. The only repair required is to remove the sheared Torque Fuse halves and replace them with a new set. This repair can be done in a matter of minutes, right on the job site.

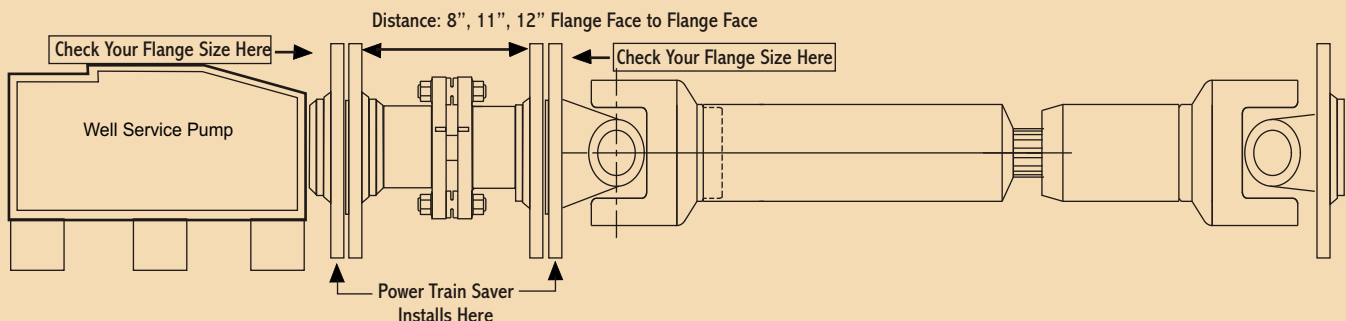
Note: In cases where there is no over-pressure kick out on the pump, when over-pressure occurs, the torque fuses will shear, saving the pump from damage.



Torque Fuses

(From 2,000 Ft/Lbs - 45,000 Ft/Lbs)

Installation Diagram



Contact: 1-403-654-2800

PowerTrainSavers® Torque Fuse®

US PAT. #5651629 / #6764404 CAN PAT. #2174259