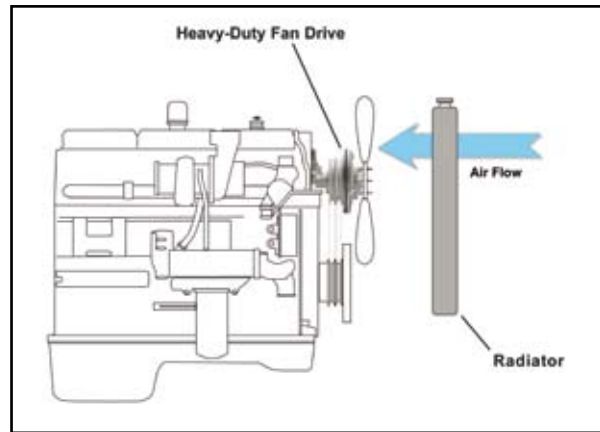


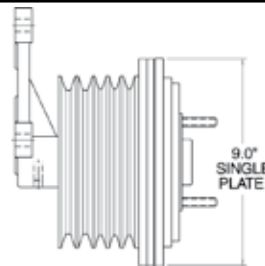
FAN CLUTCH

When engaged, the fan drive activates the fan to cool the engine by pulling air through the radiator. Depending on the size and rotational speed of the fan blade, as much as 70-75 HP may be needed to run the fan. The fan drive engages only when needed resulting in additional horsepower for drive axles, less noise, and increased fuel economy. Due to these benefits, most new diesel powered trucks are equipped with a Horton on/off fan drive.



9" Single Plate

The 9" [22.86 cm] single plate is an older style fan drive (rarely supplied on new trucks) with a larger air chamber than other Horton fan drives.

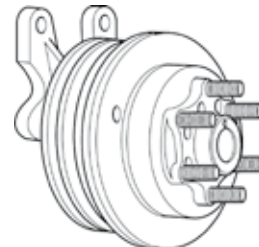


9" [22.86 cm] single plate fan drives are painted gray.



Original S

The S model fan drive has a drive plate that is 7.5" [19.05 cm] in diameter. An original S model fan drive has a smooth Piston Friction Disc (PFD), whereas the newer model with System Sentry® has three large bosses on the PFD.

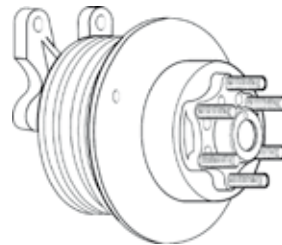


S and HT/S fan Drives are painted blue and may be upgraded by installing an Advantage Super Kit.



Original HT/S

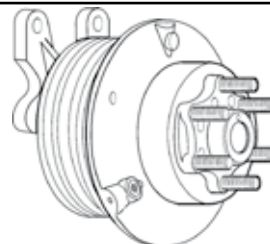
The HT/S model fan drive has a drive plate that is 9.5" [24.13 cm] in diameter. The original HT/S model fan drive has a smooth PFD while an Advantage model with System Sentry has three large bosses on the PFD.



S and HT/S Advantage fan drives are painted gun-metal blue.

S and HT/S Advantage

The S and HT/S Advantage are heavy duty fan drives, equipped to handle the frequent on/off cycles common in severe-duty trucking applications. Both fan drives include the System Sentry feature along with a plastic air cartridge and improved hub assembly.



Advantage Reman fan drives are painted maroon.