

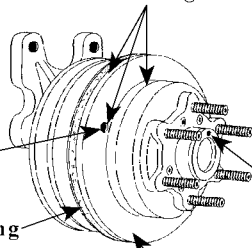
BEFORE REPLACING A HORTON FAN CLUTCH DETERMINE THE CAUSE OF PREVIOUS FAN CLUTCH FAILURE.

EMERGENCY OPERATION ONLY.

Align two holes in clutch disc with two holes in sheave. Install two Grade 8 5/16-18 x 1" bolts tighten to 25 ft. lbs.

Friction Disc Lining
Replace Clutch when worn to 1/16" thick

Air leaks here can cause bearing failure



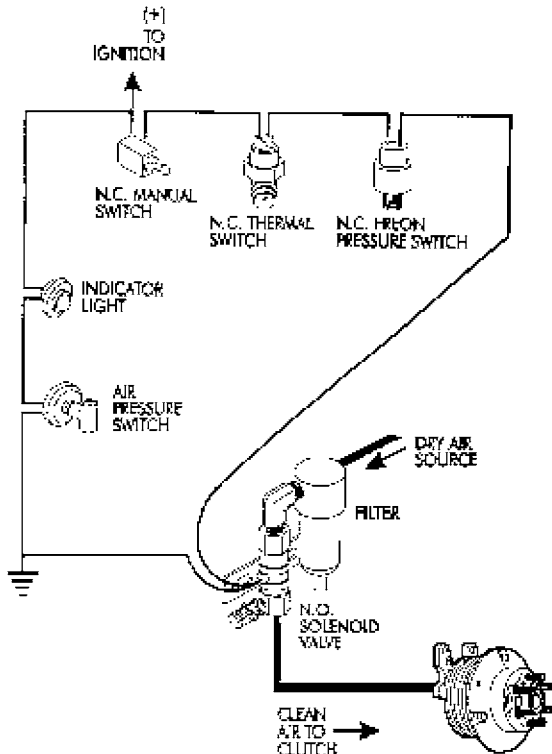
Air leaks here when cartridge is bad.

Check Clutch plate for discoloration and or blistered paint. Sign of clutch slippage, can cause bearing failure, replace clutch.

Problem	Result	Check and Correct
Fan clutch fails to disengage	Fan engaged all the time causes more fuel consumption, engine temperature below OEM specifications resulting in loss of power. Can cause clutch failure if solenoid valve is not exhausting.	<p>** Check thermal switch *N/O or *N/C application should be opposite of solenoid valve.</p> <p>A. Check electrical connections. B. Check wiring according to diagram. C. Check for pinched or plugged air line between clutch and solenoid valve. D. Check for plugged exhaust port on solenoid valve. No air pressure should be present at clutch in the disengaged mode. E. Clutch plate will not retract from friction disc due to contamination or dry o'rings. Clean air supply and replace clutch. F. Replace thermal switch.</p>

* NORMALLY CLOSED

N.C. (Series) Electrical System



* NORMALLY OPEN

N.O. (Parallel) Electrical System

