



PREVOST

SERVICE CENTER INFORMATION

SCI20-16

DATE :	October 2020	SECTION : 05 COOLING
SUBJECT :	FAN CLUTCH PLATE BOLTS RE-TORQUING	

First Release

10-27-2020

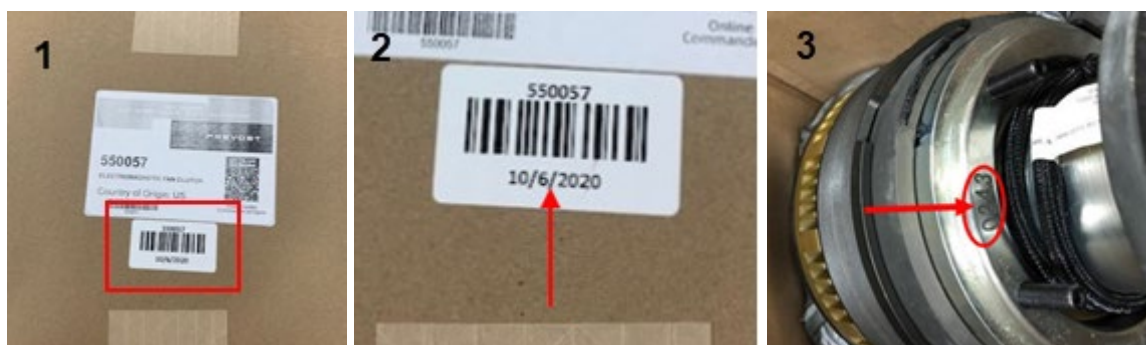
APPLICATION

Model	Serial Number & Packaging Date
Kit Masters Fan Clutch 550057	Serial Number 0488 to 0578 incl.
Kit Masters Fan Clutch 550966	From 08/05/2020 up to 10/5/2020 incl.

NOTE

Figure 1 & 2 : If a bar code tag with a 10/6/2020 (and up) date is present on the box, the clutch is a late model production and does not need to be re-torqued (all models).

Figure 3 : Position of the clutch serial number (must be from 0448 to 0578)



DESCRIPTION

On the clutches affected by this bulletin, the three fan plate hex cap bolts (Allen type) may not have been torqued sufficiently and may become loose during operation. All units affected must have their bolts removed and torqued to proper spec using high strength (red) threads locker. This will ensure maximum service life and maximum performance of the clutches (see complete procedure below for details).

MATERIAL

Required Material:

Part No.	Description
27240	50ml Loctite 272 red high strength thread locker (or equivalent).
N/A	Torque Seal tamper proof paint (any color) or equivalent.

PROCEDURE



DANGER

Park vehicle safely, apply parking brake, stop engine. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button. On Commuter type vehicles, set the battery master switch (master cut-out) to the OFF position.

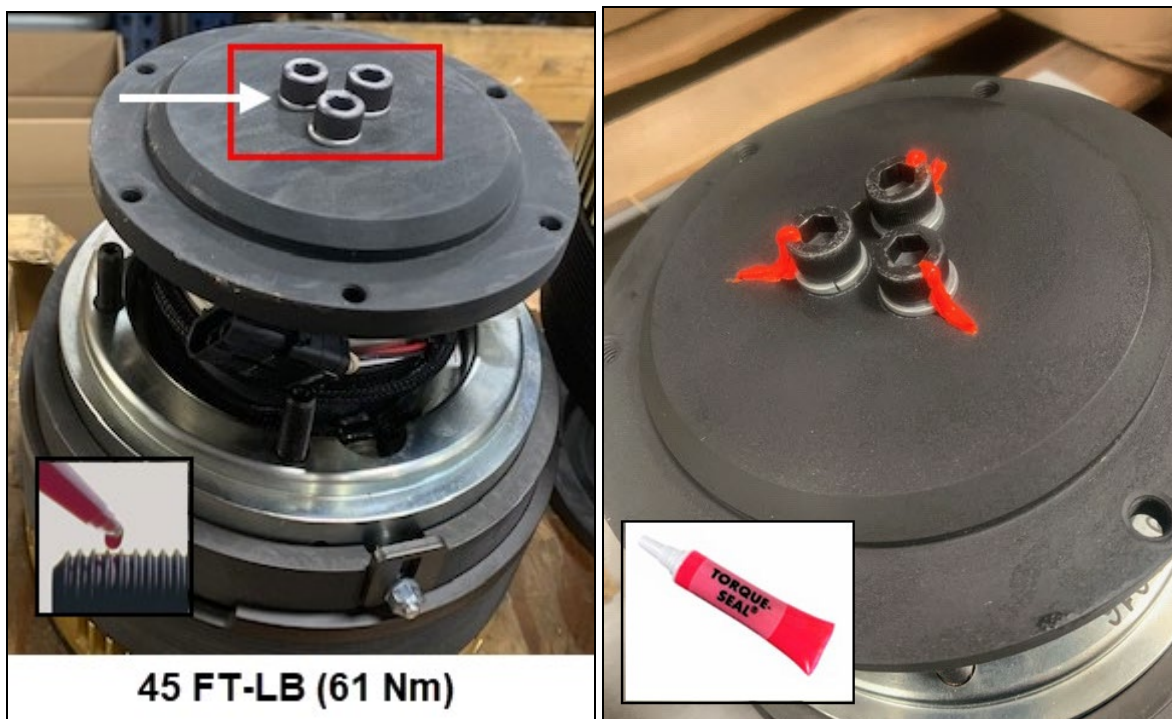
Lock out & Tag out (LOTO) must be performed during set-up, maintenance or repair activities. Refer to your local procedure for detailed information regarding the control of hazardous energy.

If the clutch is already in service (installed recently).

1. Unbolt the fan blade from the clutch (6 bolts). Lay the fan down in the fan shroud taking care not to damage the radiator core.
2. Remove and clean the 3 socket head fan plate bolts (M10x1.5 30 mm long).
3. Apply 272 high strength Loctite thread locker (or equivalent) to the 3 bolts.
4. Torque the 3 M10x1.5 bolts to **45 ft-lb (61 Nm)**.
5. Apply a stripe of tamper proof indicator paint (torque seal) to the bolt heads.
6. Reinstall the fan and torque the 6 bolts **32 ft-lb (43 Nm)**.

If the clutch is new & not installed.

1. Remove 3 socket head fan plate bolts (M10x1.5 30 mm long).
2. Clean bolt threads and threads in the shaft with wire brush.
3. Apply 272 high strength Loctite thread locker (or equivalent) to the three bolts.
4. Torque the 3 M10x1.5 bolts to **45 ft-lb (61 NM)**.
5. Apply a stripe of tamper proof indicator paint (torque seal) to the bolt heads.



WARRANTY

When a clutch is re-torqued, charge the expenses to internal account I205 (Warranty).

Prevost will reimburse you one (1.0) hour of labor for a new non-installed clutch and two (2.0) hours of labor for a clutch already installed in a vehicle. For non-installed clutches, you can open one (1) service order; for installed clutches, you must open a separate work order for each vehicle.

Please take note: The serial number of the clutch must be included with your claim. For a clutch already in service, the vehicle VIN is also required.