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Coding Information

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Title: Horton 2 Speed Drive Master Fan Clutch (12THT) missing or loose magnets

Applies To: All MaxxForce DT, 9 and 10 Engines with 12THT Horton Drive Master 2 Speed Fan Clutch

DESCRIPTION

Certain Horton 2 speed fan drives may have either loose or missing magnets.

An updated fan center section kit is available for repair

SYMPTOMS

- Missing fan drive magnets
- Loose fan drive magnets
- Hood damage
- Fan Blade Damage
- Fan Shroud Damage
- Increased fan operation (on time)
- Engine missing or vibration

PARTS INFORMATION

Part #	Description	Qty.
HOR995539	Fan Drive Center Section Kit	1

INSPECTION

1. Inspect the fan drive magnets (2).
2. Inspect for missing magnets or loose magnets.

3. Fan Drives with blue paint on the outside of the magnet holder flange as shown in Photo 1 have the updated center section kit installed and does not need further inspection.
4. If either one or both of the magnets are missing, perform a thorough inspection of the fan blade, fan shroud and hood for damaged caused by the magnets.
5. If damage to any of these components are found they should be replaced or repaired (Hood Damage).
6. The hood repair if needed must be pre approved if over \$750.00 (see iApprove)
7. For Fan drive repair follow one of the two options below.

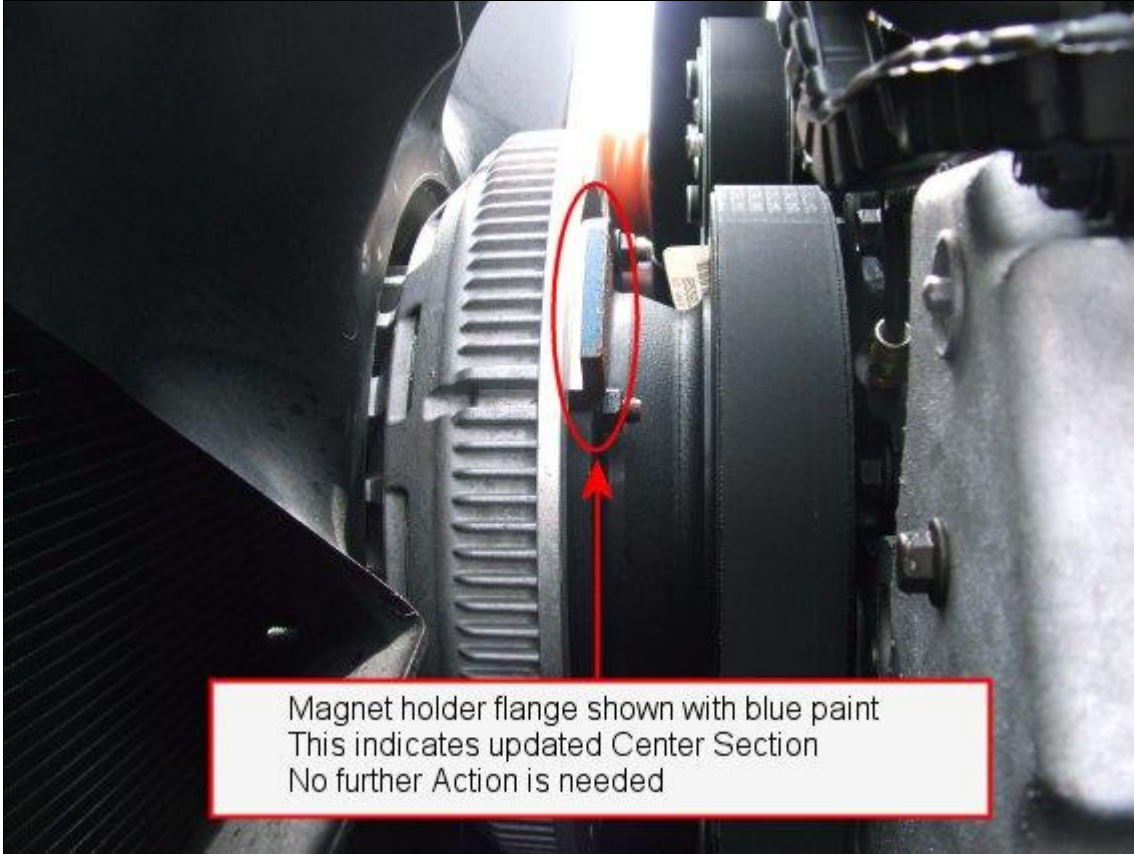


Photo 1 - Magnets Flange with blue paint

RESOLUTION

Preferred Fan Drive Option 1:

1. If one or both of the magnets are loose or missing , replace the center section with HOR995539 Center Section Kit. Photo 2
2. Complete installation and repair instructions in the kit.



Photo 2 - HOR995539 Center section kit

Interim Fan Drive Repair Option 2:

NOTE: Only used when the above repair kit is not available

1. If one or both of the magnets are loose, knock **both** magnet flanges off the center section
2. If only one magnet is loose or missing remove **both** magnet flanges
3. This can be performed with the fan drive in chassis. Use a blunt punch and hammer to knock off **both** flanges. Photo 3
4. When repair kit is available replace the center section

NOTE : Without magnets the fan clutch will operate as a single speed on / off clutch.



Photo 3 - Knock off both magnets flanges.
Can be performed in chassis

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