



FIELD SERVICE CAMPAIGN – 16101

February 11, 2016

Subject:

WorkStar® Flexplate Bolts

Models Involved:

WorkStar® with Navistar® N13 and Allison Transmission

Defect Description:

Certain Workstar® vehicles equipped with Navistar® N13 engines and Allison transmissions built between 06 October 2015 and 08 October 2015, may be equipped with flexplate bolts that may have not been properly installed / tightened during assembly. All other vehicles built during this period have either been repaired prior to shipment or determined to not require this repair.

Eligibility:

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with FSC 16101. Also complete any other open campaigns listed on the Service Portal at this time.

Tools Required:

Description	Tool Number
Air & Fuel Cap & Plug Kit	ZTSE4891
Coolant Management Tool	KL 5007 NAV

Table 1 Tools Information

Parts Required:

Part Number	Description	Quantity
3005144C1	Bolt, Flywheel 12pt Flange (2 Bolts per Kit)	5 Kits (10 Bolts Total)

Table 2 Parts Information

Work Instructions

WARNING! To prevent property damage, personal injury, and / or death, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in both directions.

WARNING! To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

WARNING! To prevent property damage, personal injury and / or death, if the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over.

WARNING! To prevent property damage, personal injury and / or death, always use floor stands to support the vehicle before working under it. Using only a jack could allow the vehicle to fall.

WARNING! To prevent property damage, personal injury, and / or death, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases.

1. Bring vehicle into shop and park on flat surface.
2. Shift transmission to Park or Neutral and set parking brakes.
3. Install wheel chocks.
4. Remove transmission, refer to manufacturer Service Manual or equivalent.
5. Access flywheel and flexplate assembly.

NOTE: If flexplate / flywheel damage is present, create a Tech Service iKnow case file for direction on replacing components.

6. Inspect flywheel and flexplate for damage.
7. Remove and replace flange bolts with kit-supplied flange bolts. Refer to Service Manual for detailed instruction.

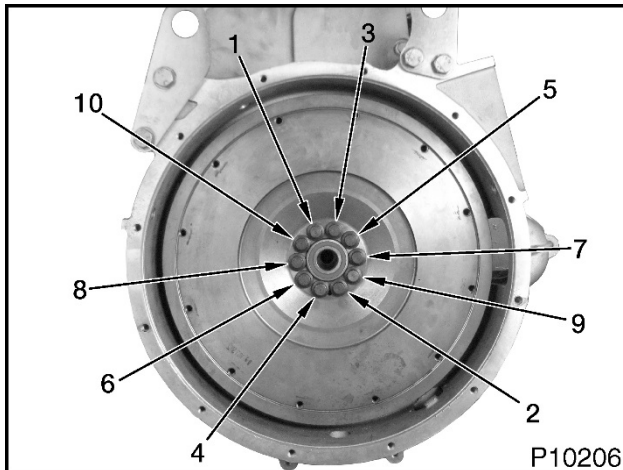


Figure 1. Flywheel and Flexplate Assembly Bolt Torque Sequence (Typical)

NOTE: For proper flywheel installation, follow the correct tightening sequence while keeping the crankshaft from turning.

8. Using torque wrench, tighten kit-supplied flange bolts using torque sequence (Figure 1) as follows:
 - a. Tighten bolts to 81 lb-ft (110 N•m).
 - b. Angle tighten bolts 90°.
 - c. Angle tighten bolts an additional 90°.
9. Install transmission, refer to manufacturer Service Manual or equivalent.
10. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

Table 3 Labor Information

Operation Number	Description	Time
A40-16101-1	Remove and Replace Flexplate Bolts	5.9 hrs

WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Field Service Campaign 16101.

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Policy Manual, Section 7.1.8.

As with all claim submissions, items acquired locally must be submitted in the “Other Charges” tab. The cost of any bulk items (such as a bag of cable tie straps, roll of wire, barrel of oil, or tube of silicone) should be prorated for the cost of the individual pieces / amount used during each repair.

To make sure this important improvement is made in a timely manner, all claims for 16101 activity must be submitted by 11 February 2017 or within the normal warranty period for the component, if after 11 February 2017.

GROUP	NOUN	C	WARR.	TP	PAD

GROUP — Enter number ←

NOUN — Leave blank ←

C (CAUSE) — Enter either 1, 2, 3. (See below)

- 1. Inspected (No repair required).
- 2. Inspected and repaired.
- 3. Defective part from parts stock.

WARRANTY — (Warranty Code) Enter 40. ←

TYPE PART — Enter P for type part causing failure. ←

PAD — Enter 100 ←

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