



Technical Service Bulletin

Technical Service Bulletin: TSB180161	Released Date: 12-Nov-2018
Backside Idler Pulley and Bracket Removal for Peterbilt™ 520 Refuse Truck	

Backside Idler Pulley and Bracket Removal for Peterbilt™ 520 Refuse Truck

Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Contents

Product Affected

Engines:

- L9 CM2350 L116B

Original Equipment Manufacturer (OEM):

- Peterbilt™

Model:

- 520 refuse truck

Issue

Symptom:

- Malfunction of the backside idler pulley and/or bracket.

Verification

- Verify engine is equipped with water pump option WP97864 & WP97865
- Backside idler pulley and/or bracket has malfunctioned.

Reason for Change

Backside idler pulley can experience malfunctions. This change reverts to a prior

arrangement that is more robust.

Resolution

- Remove backside idler pulley and bracket and install new accesory drive belt. See Service Instructions section below.

Part Identification

Service parts are available. See Table 1 below.

Table 1, Service Parts		
Location	Part Description	Replacement Part Number
1	11mm Capscrew	3926863
2	10mm Capscrew	5261711
3	10mm Capscrew	5261711
N/A	2405 mm Accessory Belt	3978284

Service Instructions

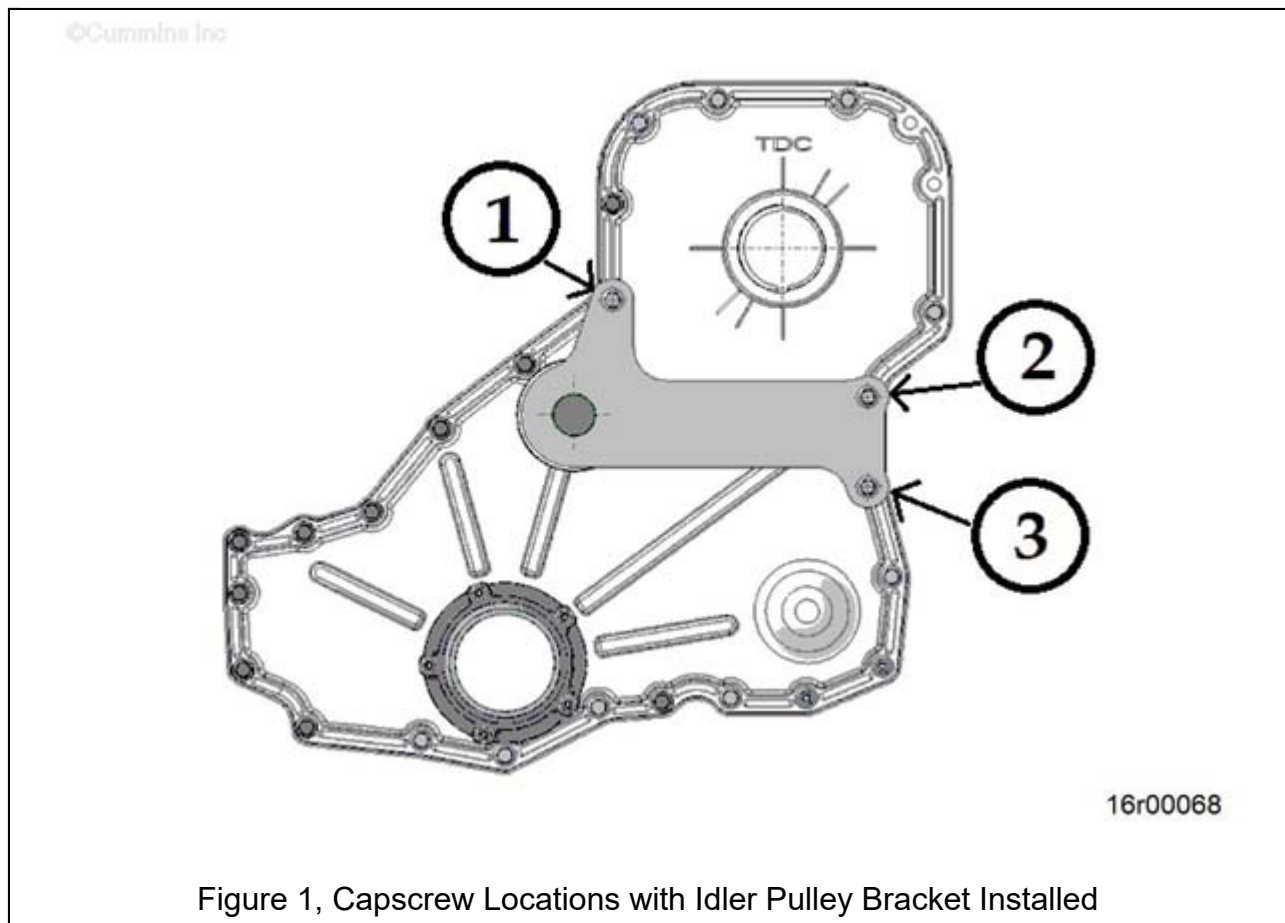
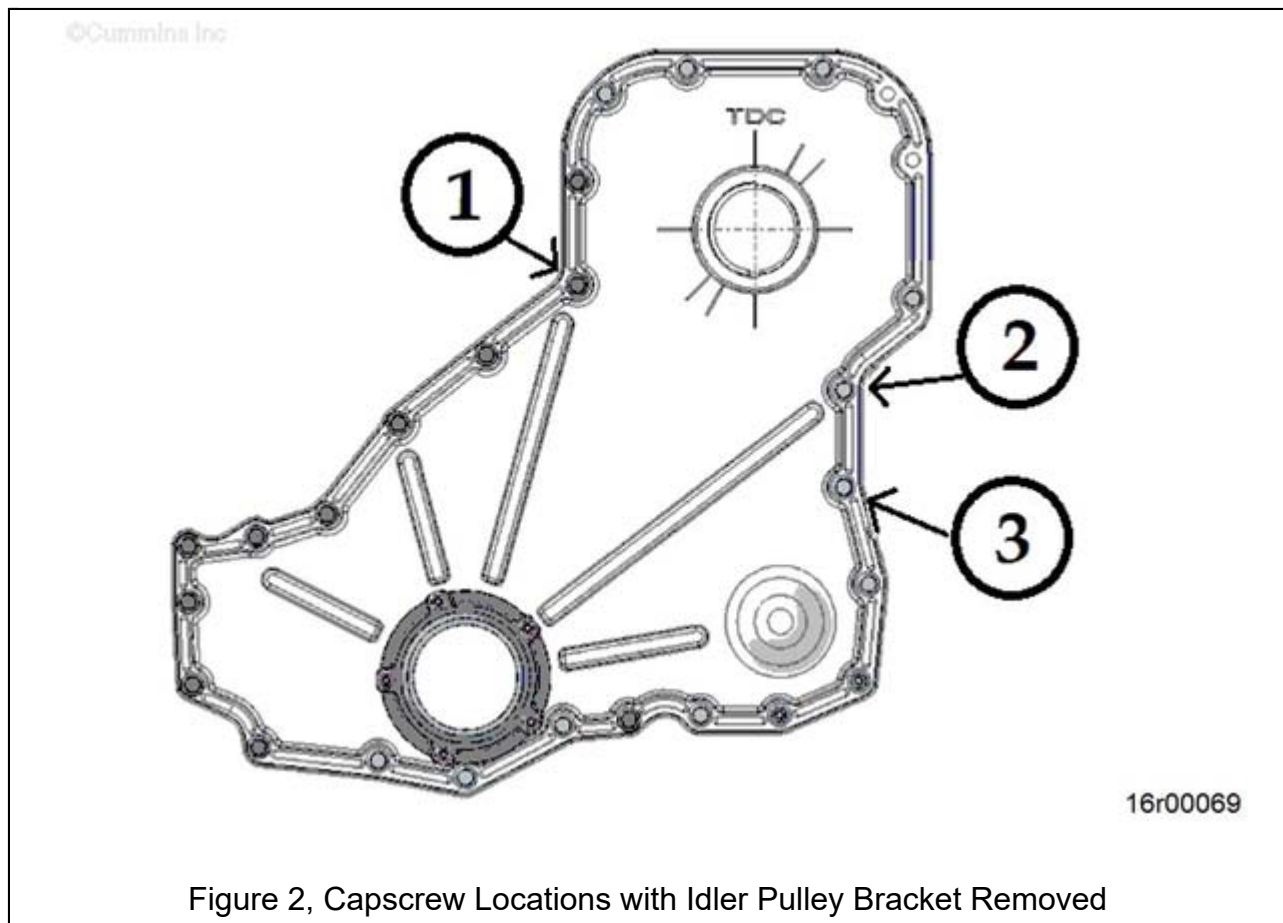


Figure 1, Capscrew Locations with Idler Pulley Bracket Installed

Remove

1. Remove accessory drive belt.
 - See corresponding Service Manual. Reference Procedure 008-002.
2. Remove capscrews at locations 1, 2, and 3. See Figure 1 above.
3. Remove any broken capscrews, if necessary.
4. Discard accessory drive belt, cap screws, idler pulley, and bracket.



Install

1. Install the long replacement capscrew, Part Number 3926863, at location 1. See Figure 2 above. Torque to 24N·m [212 in-lbs].
2. Install the two short replacement capscrews, Part Number 5261711 at locations 2 and 3. Torque to 24N·m [212 in-lbs].
3. Install new accessory drive belt, Part Number 3978284.
 - See corresponding Service Manual. Reference Procedure 008-002.

Production Status

Table 2, Production Information		
ESN First	Build Date ¹	Plant
74384133	18 September 2018	Rocky Mount Engine Plant

¹Engine build date can be found on engine dataplate.

Document History

--

Date	Details
2018-11-12	Module Created

Last Modified: 12-Nov-2018
