SERVICE BULLETIN



M1330

2020-04-22

M1330: 2006-2009 6-SPEED TRANSMISSION REPLACEMENT PARTS

Reason for Revision

Refer to Table 1.

Table 1. Document History

Date	Revision Description					
	2007 Touring 6th gear indicator					
	* Updated Required Dealer Action					
2020-04-22	Part numbers					
	* Updated Mainshaft Replacement : Table 2,					
	Gear Pack Replacement : Table 3					
2012-08-14	FXSTSSE case part numbers					
	* Updated Replacement Case, Table 4					
2009	Initial release					
-						

Purpose

This bulletin is to inform dealers that replacement 6-speed Cruise Drive™ transmissions and gear packs having a spur 5th gear will be replaced by 2010 or later assemblies having a helical 5th gear. Installation of the helical gear pack in a vehicle originally equipped with a spur 5th gear causes the speedometer to become inaccurate. The speed indication in the ECM must be configured using Digital Technician II.

Vehicles Affected

This information applies to all 2006-2009 Harley-Davidson Twin Cam models equipped with the 6-speed Cruise Drive transmission.

Markets Affected

All markets are affected.

Required Dealer Action

NOTE

If a helical 5th gear is installed on a 2007 Touring platform vehicle, the 6th gear indicator light will become inactive. This is a normal condition, **do not** attempt to repair.

Configure 5th Gear Installation

See Figure 1. In Digital Technician II, open Toolbox > Vehicle Setup > 5th Gear Change. Follow the screen prompts to configure the vehicle.

NOTE

- The items displayed in the vehicle setup screen will vary based on model and equipment.
- Only vehicles having a proper VIN will have a "5th Gear Change" option.

NOTE In the interest of preserving customer safety and satisfaction, always check for outstanding recalls whenever any motorcycle is brought into your dealership for either maintenance or service.

ROUTING	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	WARRANTY PROCESS MANAGER	LEAD TECHNICIAN	TECHNICIAN NO. 1	TECHNICIAN NO. 2	TECHNICIAN NO. 3	RETURN THIS TO
INITIAL HERE									

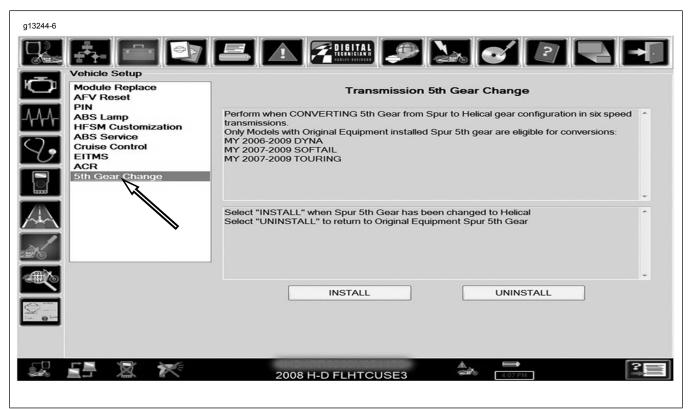


Figure 1. Digital Technician II

Mainshaft Replacement

See Figure 2. The mainshaft replacement kit consists of the mainshaft assembly, guide hub, retaining ring and inner bearing race. All parts are model year 2010 or later and replace earlier model mainshafts as a complete kit. Refer to Table 2 for part numbers.

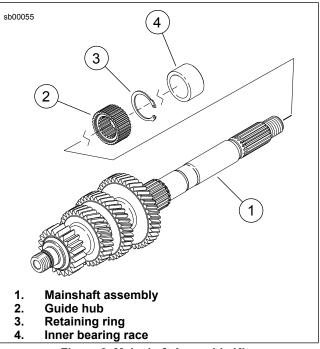


Figure 2. Mainshaft Assembly Kit

Table 2. Mainshaft Replacement	Kit Part Numbers
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MODEL	ALL FINISHES
2006 Dyna and all 2007-2009 Twin Cam models	35467-06C

Gear Pack Replacement

See Figure 3. The gear pack will be shipped with all the parts assembled to the side bearing housing including the shift drum, shifter fork shafts and forks. Refer to Table 3 for part numbers.

NOTE A **new** inner primary race (Part No. 34091-08) must also be installed.

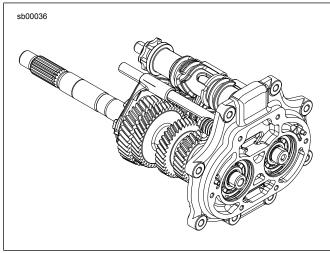


Figure 3. Gear Pack Assembly

Table 3. Gear Pack Replacement Part Numbers

MODEL	BLACK		SILVER		GRANITE	
WODEL	OLD	NEW	OLD	NEW	OLD	NEW
2006 Dyna and all 2007-	35246-08A	35246-10B	35247-08A	35247-10B	35255-08A	35255-10B
2009 Twin Cam models ⁽¹⁾	55240-06A	30240-10D	55247-00A	30247-10D	30200-00A	35255-10B
(1) Installation requires the inner primary bearing race (Part No. 34091-08).						

Replacement Case

See Figure 4. The replacement case is provided with all bearings, the final drive gear, the pulley, nut and lockplate installed. Refer to Table 4 for part numbers.

Case replacement will require that the following parts be removed and reused:

- Clutch cable
- Clutch release cover •
- Top cover
- Gear pack, shift drum, shafts and forks ٠
- Shifter mechanism •
- Bracket
- Neutral indicator sensor
- Vehicle speed sensor (VSS)
- · Engine and transmission dipsticks
- · Oil pan

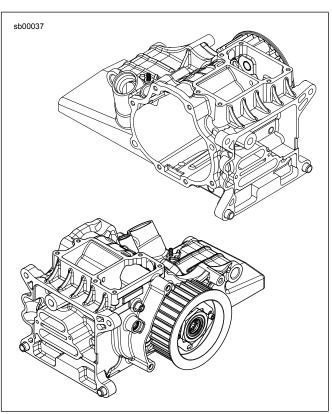


Figure 4. Transmission Case (Touring Shown)

Table 4. Case Replacement Part Numbers

MODEL		BLACK	SILVER	GRANITE	
2006-2009 Dyna ⁽¹⁾		34747-06C	34746-06C	34700021	
2007-2009 Softail		34799-07	34801-07	-	
	2007	-	34801-07	-	
FXSTSSE	2008	-	-	34857-08	
	2009	-	-	34888-09	
2008-2009 FXCW/C		34854-08	34855-08	-	
2007-2009 Touring		34719-07B	34805-07	34853-08	
2009 Trike		83978-09	-	-	
(1) 2006 Dyna Models requir	e a spacer (Part N	o. 11840) and a bolt (Part No. 2	2887WA) to mount the muffler br	acket.	