SERVICE BULLETIN



M1439 2018-03-08

M1439: 2017 AND 2018 DRIVE BELT TENSION

Reason for Revision

Refer to Table 1.

Table 1. Document History

Date	Revision Description				
2017-02-20	Initial release				
	Added Reason for Revision, Required				
	Dealer Action/Table 4				
2018-03-01	Updated Title, Purpose for Service Bulletin, Motorcycle Affected, Required Dealer Ac-				
	Motorcycle Affected, Required Dealer Ac-				
	tion				

Purpose for Service Bulletin

This describes the **new** belt tension specification to use for belt tension before the first service interval.

Motorcycle Affected

Refer to Table 2.

Table 2. Motorcycle Affected

Year	Models
	Touring
	CVO Touring
2017, 2018	Trike
	Sportster
	Street
2018	Softail

Required Dealer Action

Belt Tension Update

Belt tension is not included in the PDI (Predelivery inspection) procedures, as it does not require checking at PDI. The belt is inspected and adjusted to specification at the first maintenance interval, if necessary.

See Table 3 or Table 4. Belt tension is initially set to allow for early break-in of the belt and sprockets. The break-in occurs in the first few hundred miles and even to some degree in post assembly audit. Harley-Davidson has provided an acceptable range of belt tension variation at PDI based on testing and evaluation. Do not submit warranty claims for belts within this range.

If other factors indicate a PDI inspection of the belt tension is necessary and a warranty claim is submitted for making a belt tension adjustment, Harley-Davidson requires the following:

- 1. The original belt deflection that was found on the vehicle.
- 2. The belt deflection after the adjustment was performed.
- 3. Observed condition that led to adjusting the belt tension.

Table 3. 2017, 2018 Revised PDI Belt Tension Ranges

Platform	Shocks Types	Pi	DI	First Service Interval		
		MM	Inch	MM	Inch	
Touring	Standard	3-14 mm	1/8-9/16	10-15 mm	3/8-9/16	
	Low	3-11 mm	1/8-7/16	6-11 mm	1/4-7/16	
Trike	Standard	3-11 mm	1/8-7/16	10-11 mm	3/8-7/16	
Street	All	5-16 mm	3/16-5/8	13-16 mm	1/2-5/8	
Sportster	All	2-8 mm	1/16-5/16	6-8 mm	1/4-5/16	

Table 4. 2018 Softail Revised PDI Belt Tension Ranges

Platform	Shocks Types	P	DI	First Service Interval		
		MM	Inch	MM	Inch	
Softail	All	4.8-12.7 mm	3/16-1/2	12.7-14.3 mm	1/2-9/16	



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

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