SERVICE BULLETIN

M1574 **2022-12-23**

M1574: X350 RA ESSENTIAL SERVICE TOOLS

Reason for Revision

Refer to Table 1.

Table 1. Document History

Date	Revision Description
2022-12-23	Initial release

Purpose for Service Bulletin

This bulletin informs dealers that Harley-Davidson has provided information on the essential tools for the recently introduced X350 RA vehicles.

Motorcycles Affected

2023 Harley-Davidson X350 RA

Markets Affected

United States

Required Dealer Action

Table 2.

Action Required	Resolution
NO ☑ YES ☐	**Non-Actionable:** This is for informational purposes only or a technical tip.

Servicing the X350 RA requires a combination of new special tools and existing special tools. See below for a complete list of required tools.

Special tools that are exclusive to the X350 RA program are ordered, stocked, and distributed as service parts by HDMC, not through the Bosch tools site. New X350 RA special tools will be automatically shipped to your dealership via an H-D Essential Tools shipment in early January.

Check your in-house inventory for the existing special tools listed below and order as required from the Bosch tools website.

X350 RA Harley-Davidson Essential Tools

- HDF02040010613: Round nut tooling (maintenance tool / BJ600GS clutch lock nut tool)
- HDF02040010607: Flywheel puller / Clutch component clamp nut tool
- HDF02040010610: Output sprocket claw / Sprocket locking tool
- HDF02040010612: Steering head locknut tool
- HDF02040010601: Fixed tooling for driven gear of balance shaft Flywheel Holder
- HDF02040010600: Clutch wrench tooling / Clutch holder tool
- HDF02070715516: EFI diagnostic tool
- HD92940P060000: New OBD plus connector
- HD96D10P100000: ABS diagnostic adapter

Dealers will need to check to ensure they have the following Harley-Davidson tool part numbers in their service departments and order them through the Bosch tool site if they are worn or no longer available (not shipped as part of the X350 RA essential tools package).

- B-43993-6: Bearing Installer
- B-45522-A: Fuel pressure gauge adapter
- HD-45308: Oil pressure gauge and adapters for M16X1.0 Male to NPT ¼” Female

The following **common** tools will be useful for performing service. Having these tools or similar will ensure that you have everything that is required (dealer to purchase **common** tools if they do not have currently).

- Chain Breaker / Riveter
- 5/8” or 16mm Hex Socket
- Snap ring pliers – Small nose similar to TOP SS-125F
- 67 mm 14 Flute Oil Filter Socket
- Electrical Terminal Crimper

For questions regarding essential tools contact Technical Service at 800-664-7762 for assistance.

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
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