



# **2016 Harley-Davidson Police Models Service Manual Supplement**

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# NOTES

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# ABOUT THIS MANUAL

## GENERAL

This service manual supplement has been designed to be used with the current service manual and has been prepared with two purposes in mind.

- It will acquaint the user with the construction of the Harley-Davidson product and assist in the performance of basic maintenance and repair.
- It will introduce to the professional Harley-Davidson Technician the latest field-tested and factory-approved major repair methods.

We sincerely believe that this service manual supplement will make your association with Harley-Davidson products more pleasant and profitable.

### NOTE

*This service manual supplement provides information unique to this model motorcycle. Any information not presented in this supplement can be found in the appropriate service manual or electrical diagnostic manual. Refer to Table i-1.*

Table i-1. Relevant Model Year Publications

PUBLICATION	PART NUMBER
Touring Models Service Manual	99483-16
Touring Models Electrical Diagnostic Manual	99497-16

## HOW TO USE YOUR SERVICE MANUAL SUPPLEMENT

Use the TABLE OF CONTENTS (which follows this FOREWORD) and the INDEX (at the back of this manual) to quickly locate subjects. Sections and topics in this manual are sequentially numbered for easy navigation.

NO.	CHAPTER
1	Maintenance
2	Chassis
3	Engine
4	Fuel System
5	Drive
6	Transmission
7	Electrical
A	Appendix A Wiring
B	Appendix B Reference

For example, a cross-reference shown as **2.1 SPECIFICATIONS** refers to chapter 2 CHASSIS, heading 2.1 SPECIFICATIONS.

If the subject you seek is not in this supplement, refer to the corresponding chapter in the appropriate service manual. Check the title page located in the front of each chapter to find the subject.

For quick and easy reference, all pages contain a chapter number followed by a page number. For example, page 3-5 refers to page 5 in chapter 3.

In figure legends, the number following the name of a part indicates the quantity necessary for one complete assembly.

## PREPARATION FOR SERVICE

PART NUMBER	TOOL NAME
HD-48650	DIGITAL TECHNICIAN II

### WARNING

**Stop the engine when refueling or servicing the fuel system. Do not smoke or allow open flame or sparks near gasoline. Gasoline is extremely flammable and highly explosive, which could result in death or serious injury. (00002a)**

Good preparation is very important for efficient service work. Start each job with a clean work area. This will allow the repair to proceed as smoothly as possible. It will also reduce the incidence of misplaced tools and parts.

Clean a motorcycle that is excessively dirty before work starts. Cleaning will occasionally uncover sources of trouble. Gather any tools, instruments and any parts needed for the job before work begins. Interrupting a job to locate tools or parts is a distraction and causes needless delay.

### NOTES

- To avoid unnecessary disassembly, carefully read all related service information before repair work begins.
- In figure legends, the number which follows the name of a part indicates the quantity necessary for one complete assembly.
- When servicing a vehicle equipped with the Harley-Davidson Smart Security System (H-DSSS), first disarm the system. Keep the fob close to the vehicle or use DIGITAL TECHNICIAN II (Part No. HD-48650) to disable the system. Activate the system after service is completed.

## SERVICE BULLETINS

In addition to the information presented in this service manual supplement and the appropriate service manual, Harley-Davidson Motor Company will periodically issue Service Bulletins to Harley-Davidson dealers. Service bulletins cover interim engineering changes and supplementary information. Consult the service bulletins to keep your product knowledge current and complete.

## USE GENUINE REPLACEMENT PARTS

### WARNING

**Harley-Davidson parts and accessories are designed for Harley-Davidson motorcycles. Using non-Harley-Davidson parts or accessories can adversely affect performance, stability or handling, which could result in death or serious injury. (00001b)**

To achieve satisfactory and lasting repairs, carefully follow the service manual instructions and use only genuine Harley-Davidson replacement parts. Behind the emblem bearing the words GENUINE HARLEY-DAVIDSON stand more than 100 years of design, research, manufacturing, testing and inspecting

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