

For Harley-Davidson bikes

Smart Vehicle Diagnostics (USA) has developed the Smartsan smartphone diagnostics adapters for Harley-Davidson bikes. It can be adapted to the CAN-based ODB interface.

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The MSDKHD6 adapter is connected to the CAN-based OBD interface (Photo: Smart Vehicle Diagnostics)

Smart Vehicle Diagnostics and Diagnostica have introduced smartphone diagnostics adapters. The plug-and-play MSDKHD6 6-pin adapter works with most of the Harley-Davidson bikes with 6-pin CAN-connected OBD connectors. Using the Motorscan app, a bike owner can read trouble codes and conditions with detailed descriptions, clear the check engine light, access various bike systems from the electronic control unit (ECU) to the dashboard, see data parameters, view virtual gauges, and more. Bike owners can save diagnostic reports and email them to their mechanics with a touch of a button. The app runs on iPhones as well as Android-based smartphones.

“We created the Motorscan OBD adapter so that Harley-Davidson owners can easily diagnose their bikes themselves and see what is wrong if the check engine light comes on,” said Alex Leonov, Managing Partner at Smart Vehicle Diagnostics LLC. “You can save time and money on unnecessary shop visits, but you will also know when you actually must visit your mechanic.” He added: “Motorscan essentially turns your smartphone into a powerful diagnostic tool. A lot of diagnostic tools are bulky, but we wanted to make a tool that can be left in a bike and used every day. We ended up reinventing the OBD adapter when we created the world’s smallest diagnostic device for powersports with a patent-pending design that is guaranteed to fit snugly into a bike’s diagnostic port. To ensure software compatibility with a wide range of Harley-Davidson models, we partnered with EOS I, makers of professional motorcycle diagnostics equipment. The end result is an easy-to-use tool to monitor your bike’s health daily.”

Motorscan is a plug-and-play tool. To start, users can install the app on a smartphone. Then plug the adapter into the bike’s OBD connector, which is usually located under the seat or on the side. Make sure the bike is unlocked. Turn the ignition on and put the ‘run’ switch into ‘run’ position. After Bluetooth is activated, the app finds the adapter automatically.

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