

Harley Davidson Softail Series 2019 - Maintenance Fastener Torque Values

FASTENER	TORQUE VALUE	NOTES
Air filter cover screw, single screw cover	5.6–7.3 N·m (50–65 in-lbs)	2.20 INSPECT AIR FILTER, Remove and Install: Round <i>Apply LOCTITE 243 (blue) to the threads of screw.</i>
Air filter cover screw, square	5.4–8.1 N·m (48–72 in-lbs)	2.20 INSPECT AIR FILTER, Remove and Install: Square
Air filter cover screws, five-screw cover	5.4–8.1 N·m (48–72 in-lbs)	2.20 INSPECT AIR FILTER, Remove and Install: Round <i>Apply LOCTITE 243 (blue) to the threads of screw. Tighten in a star pattern.</i>
Air filter cover screws, oval cover	5.7–6.8 N·m (50–60 in-lbs)	2.20 INSPECT AIR FILTER, Remove and Install: Oval
Air filter element screw, square	5.4–8.1 N·m (48–72 in-lbs)	2.20 INSPECT AIR FILTER, Remove and Install: Square
Air filter element screws, round cover	5.4–8.1 N·m (48–72 in-lbs)	2.20 INSPECT AIR FILTER, Remove and Install: Round
Air filter trim insert screws	3–3.6 N·m (27–32 in-lbs)	2.20 INSPECT AIR FILTER, Remove and Install: Oval
Axle nut, rear, FXDRS	149.1–162.7 N·m (110–120 ft-lbs)	2.17 INSPECT AND ADJUST DRIVE BELT AND SPROCKETS, Adjust Belt
Axle nut, rear, all but FXDRS	128.8–142.4 N·m (95–105 ft-lbs)	2.17 INSPECT AND ADJUST DRIVE BELT AND SPROCKETS, Adjust Belt

Battery, positive cable, screw	8.1–10.8 N·m (72–96 in-lbs)	2.21 INSPECT BATTERY, Install
Brake master cylinder, front, reservoir cover screws	1–1.2 N·m (9–11 in-lbs)	2.11 CHECK AND REPLACE BRAKE FLUID, Check Brake Fluid Level
Brake master cylinder, rear, reservoir cover screws	1–2 N·m (9–18 in-lbs)	2.11 CHECK AND REPLACE BRAKE FLUID, Check Brake Fluid Level
Clutch hub jamnut	8.1–13.6 N·m (72–120 in-lbs)	2.12 CHECK AND ADJUST CLUTCH, Check and Adjust
Clutch inspection cover screws	2.0–3.9 N·m (17–35 in-lbs)	2.6 REPLACE PRIMARY CHAINCASE LUBRICANT, Change Primary Chaincase Lubricant <i>Torque sequence</i>
Drive belt first pre-load - FXDRS	33.9 N·m (25 ft-lbs)	2.17 INSPECT AND ADJUST DRIVE BELT AND SPROCKETS, Adjust Belt
Engine oil drain plug	19–28.5 N·m (14–21 ft-lbs)	2.5 REPLACE ENGINE OIL AND FILTER, Change Oil and Oil Filter
Fork stem pinch bolt - FXDRS	30–43.4 N·m (20–32 ft-lbs)	2.14 ADJUST AND LUBRICATE STEERING HEAD BEARINGS, Check

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Fork stem pinch bolt - All but FXDRS	21.7-27.1 N-m (16-20 ft-lbs)	2.14 ADJUST AND LUBRICATE STEERING HEAD BEARINGS, Check and Adjust
Front brake pad hanger pin	14.7-19.1 N-m (11-14 ft-lbs)	2.10 INSPECT BRAKES, Replace Front Brake Pads
Lower fork bracket pinch bolt	21.7-27.1 N-m (16-20 ft-lbs)	2.14 ADJUST AND LUBRICATE STEERING HEAD BEARINGS, Check and Adjust
New - drive belt final pre load - FXDRS	10.8-14.9 N-m (96-133 in-lbs)	2.17 INSPECT AND ADJUST DRIVE BELT AND SPROCKETS, Adjust Belt
Primary chaincase drain plug	19-21.1 N-m (14-21 ft-lbs)	2.6 REPLACE PRIMARY CHAINCASE LUBRICANT, Change Primary Chaincase Lubricant
Service - drive belt final pre load - FXDRS	4.5-5.6 N-m (40-50 in-lbs)	2.17 INSPECT AND ADJUST DRIVE BELT AND SPROCKETS, Adjust Belt
Spark plug	10-15 N-m (89-133 in-lbs)	2.22 CLEAN AND INSPECT SPARK PLUGS, Install
Spoke nipple	0.2 N-m (0 in-lbs)	2.0 INSPECT TIRES AND WHEELS, Wheel Spokes
Transmission drain plug	19-25.5 N-m (14-21 ft-lbs)	2.7 REPLACE TRANSMISSION LUBRICANT, Change Transmission Lubricant
Transmission filler plug/dipstick	7.8-8.5 N-m (25-75 in-lbs)	2.7 REPLACE TRANSMISSION LUBRICANT, Check Transmission Lubricant
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