

2017-2024 Mitsubishi Mirage G4 | Easy | 30-60 minutes

TOOLS

Floor jack and two jack stands (or car ramps) Wheel chocks Metric socket set and ratchet Oil filter wrench or strap wrench Oil drain pan (at least 4-quart capacity) Funnel Nitrile gloves Safety glasses Shop towels or rags

PARTS

0W-20 full synthetic engine oil (approx. 3.2 liters / 3.4 US quarts)
Spin-on oil filter for the 1.2L 3A92 engine
Oil drain plug crush washer (aluminum)

STEPS

- 1 Warm the engine and park safely - Drive the Mirage G4 for 5 to 10 minutes so the 0W-20 oil in the 1.2L 3A92 3-cylinder engine is warm and flows freely.** Warm oil drains much faster and carries more sludge and suspended contaminants out of the engine with it. Park on a flat,...
- 2 Raise the front and locate the drain plug - Lift the front of the Mirage G4 with a floor jack and support it securely on two jack stands placed under the front subframe pinch-weld points.** Never work under a car supported only by a jack. From under the engine, find the oil pan drain...
- 3 Drain the old oil - Loosen the drain plug with the correct metric socket, keeping upward pressure on it so hot oil does not run down your arm, then spin it out by hand.** Let the oil drain completely until it slows to an occasional drip, which usually takes 5 t...
- 4 Reinstall the drain plug with a new crush washer - Wipe the drain plug threads clean and fit a new aluminum crush washer onto the plug, making sure the old washer is not still stuck to the oil pan.** Thread the plug in by hand first so it starts straight, then snug it with the ratchet. The p...
- 5 Remove the old oil filter - The Mirage G4's spin-on oil filter is mounted on the front of the 1.2L 3A92 engine, making it easy to reach from the front of the car.** Loosen it with an oil filter wrench or strap wrench, then spin it off by hand while keeping the drain pa...
- 6 Install the new oil filter - Smear a thin film of fresh 0W-20 oil on the new filter's rubber gasket with your finger so it seats smoothly and will not tear.** Thread the new filter onto the mounting boss by hand until the gasket touches, then tighten it about three-quar...
- 7 Refill with fresh 0W-20 oil - Remove the oil filler cap on top of the engine, place a funnel in the filler neck, and pour in approximately 3.2 liters (3.4 US quarts) of 0W-20 full synthetic oil, which is the full capacity of the 3A92 engine with a filter change.** The Mi...
- 8 Start the engine and verify the job - Start the engine and let it idle for 30 seconds while you watch for leaks around the drain plug and the new front-mounted filter.** Shut it off, wait a minute for the oil to settle, then recheck the dipstick and top up if the level dropped a...