2019-2024 Acura RDX - Replace Water Pump

2019-2024 Acura RDX | Advanced | 2-3 hours | $163 DIY

TOOLS

10mm Socket Flathead Screwdriver Jack Stands Torque Wrench Ratchet Wrench Socket Extension Drain Pan Pliers Coolant Funnel Gloves

PARTS

Genuine Acura Water Pump 19200-6B2-A01 $128.23
Water Pump Gasket 19215-P8A-003 $15.00
Coolant HONDA-OL999-9011 $20.00

STEPS

1. **Cool down and drain the cooling system - Work only on a cold engine. Place a drain pan** under the radiator petcock or lower hose and drain the coolant from the Acura RDX. Disconnect the negative battery cable if belts, fans, or covers require it. Wear gloves and eye protection.
2. **Remove belts and obstructing parts - Remove the serpentine belt (and any splash shields).** On some engines you must remove a pulley, timing cover section, or accessory bracket to reach the water pump - photograph fastener locations and note different bolt lengths.
3. **Unbolt and remove the water pump - Disconnect hoses from the pump if equipped. Remove all** water-pump bolts, then gently separate the pump from the block or timing cover. Expect residual coolant to spill - keep the pan in place.
4. **Clean surfaces and prepare the new pump - Clean all old gasket material or RTV from the** block and pump flange without scratching sealing faces. Compare impeller style and bolt pattern on the new pump. Install the new gasket or apply RTV only as the pump instructions specify.
5. **Install the new pump and reassemble - Position the new pump, start all bolts by hand,** then tighten evenly in a crisscross pattern to the specified torque. Reinstall pulleys, covers, and the drive belt with correct routing and tensioner position.
6. **Bleed air, run, and leak-check - Refill with the correct coolant type for the RDX. Bleed** air per the vehicle procedure (bleeder screws, squeeze hoses, or scan-tool bleed). Run to operating temperature with the cabin heat on and watch for leaks; top off after cool-down.

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