2006-2010 Kia Optima - Power Steering Pump

2006-2010 Kia Optima | Advanced | 2-3 hours | $395 DIY

TOOLS

10mm Socket 14mm Wrench Flathead Screwdriver Jack Stands Torque Wrench Fluid Catch Pan Serpentine Belt Tool Socket Extension Ratchet Wrench Pry Bar

PARTS

Power Steering Pump 60-6807P $300.00
Power Steering Fluid $15.00
Serpentine Belt $25.00
Power Steering Pump Pulley $50.00
Power Steering Pump O-Ring $5.00

STEPS

1. **Disconnect the battery and relieve belt tension - Park the 2006-2010 Kia Optima 3.8L on** level ground and disconnect the negative battery cable. Note serpentine-belt routing, rotate the tensioner, and slip the belt off the power steering pump pulley.
2. **Drain or cap the power steering lines - Place a drain pan under the 2006-2010 Kia Optima** 3.8L. Disconnect the high-pressure and return hoses from the pump - expect fluid loss. Cap open lines and ports to keep debris out of the system.
3. **Unbolt and remove the pump - Remove the mounting bolts/brackets holding the power** steering pump on the 2006-2010 Kia Optima 3.8L. Maneuver the pump out of the engine bay. Transfer the pulley only with the correct puller/installer if the new pump does not include one.
4. **Compare and install the new pump - Compare port threads, pulley alignment, and mounting** ears. Install the new pump on the 2006-2010 Kia Optima 3.8L, start bolts by hand, then torque to spec. Reconnect hoses with new sealing washers/O-rings as required.
5. **Refit the belt and refill fluid - Reinstall the serpentine belt on the 2006-2010 Kia** Optima 3.8L and confirm rib alignment. Fill the reservoir with the exact power steering fluid type specified for the vehicle - do not guess ATF vs PSF.
6. **Bleed the system and check for leaks - With the front wheels off the ground if specified,** idle the 2006-2010 Kia Optima 3.8L and slowly turn the steering lock-to-lock several times to purge air while keeping the reservoir topped. Inspect for leaks, then road-test for noise and...

ezcarfix.com