2018-2024 Kia Stinger - Rear Differential Service

2018-2024 Kia Stinger | Moderate | 2-3 hours | $20 DIY

TOOLS

Tubing Shop Towels 24mm Socket
Magnets

PARTS

Hypoid Gear Oil MS517-15 GT 75W/85 (GL-5) $20.00
Differential drain/fill plug washers (new)

STEPS

1. **Confirm fluid spec and warm the differential - Check the owner’s manual or axle tag for** the exact gear-oil viscosity and any friction modifier (especially for limited-slip). Drive briefly to warm the oil so it drains better, then park on level ground. Wear gloves and eye protection.
2. **Safely raise and support the 2018-2024 Kia Stinger GT - Jack the 2018-2024 Kia Stinger GT** and support it on jack stands so the rear axle/differential is level. Chock the front wheels. Place a drain pan under the differential cover or drain plug.
3. **Remove the fill plug first - Always crack the fill plug loose before draining. If you** cannot open the fill plug, do not drain - you may be unable to refill. Keep the crush washer/gasket for replacement if required.
4. **Drain the old gear oil - On the 2018-2024 Kia Stinger GT: remove the drain plug (or** carefully loosen the cover bolts, leaving two upper bolts snug until oil slows, if your axle uses a cover without a drain). Let oil drain fully. Inspect for large metal chunks; fin...
5. **Reinstall drain and refill - On the 2018-2024 Kia Stinger GT: reinstall the drain plug** with a new washer if specified and torque to spec (or reseal/reinstall the cover with the correct RTV/gasket pattern). Add friction modifier if required for LSD units.
6. **Close up, lower, and check for leaks - Reinstall the fill plug with a new washer if** needed and torque to spec. Lower the 2018-2024 Kia Stinger GT. Take a short drive, then recheck for seepage at the plug/cover. Recycle used gear oil - do not dump it.

TORQUE

Drain/Fill plugs 50 Nm 37 ft-lbs

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