2019-2024 Volkswagen Jetta - Replace CV Joint

2019-2024 Volkswagen Jetta | Advanced | 2-3 hours | $190 DIY

TOOLS

16mm Socket Pry Bar 17mm Socket Jack Stands Trim Tool Set Safety Glasses T25 Torx Socket M10 Triple Square Bit Gloves 24mm 12-point Socket

PARTS

Front Right CV Axle Assembly NCV72024 $150.00
CV Joint Boot Kit $30.00
CV Joint Grease $10.00
Axle nut (new)

STEPS

1. **Raise the vehicle and remove the wheel - Loosen the axle nut and lug nuts on level** ground, then raise the Jetta and support it on jack stands. Remove the wheel. If replacing the complete CV axle, loosen the axle nut fully once the vehicle is supported.
2. **Separate the hub and free the outer CV - Remove the axle nut. Separate the tie-rod or** ball joint. Push the CV stub out of the hub - never strike the CV threads; punch only on the nut face if specified. Support the knuckle so the ABS wire and brake hose aren't stretched.
3. **Disconnect the inner joint and remove the axle - For a bolted inner CV, remove the flange** bolts; for a splined tripode, pry the inner joint carefully from the transmission/differential until it pops free. Catch fluid if the output seal is disturbed. Slide the axle out as an assembly.
4. **Compare the new CV axle or rebuild parts - If installing a complete axle, compare length,** inner joint type, ABS ring, and stub splines to the old unit. If only rebooting/repacking a joint, clean thoroughly and use the correct moly CV grease - never ordinary chassis grease.
5. **Install the new axle and torque the axle nut - Seat the inner joint fully (clip click or** flange bolts to spec), insert the outer stub through the hub, and install a new axle nut. Torque the axle nut to spec - never finish with an impact gun unless the procedure allows it.
6. **Reassemble and road-test for click/vibration - Reinstall ball joints/tie rods, the wheel,** and torque lug nuts in a star pattern. Lower the Jetta, top off transaxle fluid if any was lost, then road-test for outer-CV clicking on turns or inner-joint vibration on acceleration.

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