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PRIOR TO INSTALLATION READ THESE INSTRUCTION COMPETELY For questions, Call the FORD PERFORMANCE Techline 1-800-367-3788

Please visit https://www.performanceparts.ford.com for warranty information



Kit Contents
Differential Cover
12 Bolts
Drain Plug
2 Fill Plugs
Gasket



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Note: A vehicle hoist is highly recommended for the installation of this kit.

Jacking and Lifting - Overview

Lifting and Jacking Points

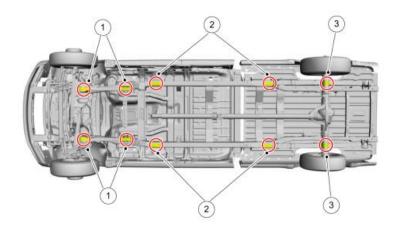
WARNING: When jacking or lifting the vehicle, block all wheels remaining on the ground. Set the parking brake if the rear wheels will remain on the ground. These actions help prevent unintended vehicle movement. Failure to follow these instructions may result in serious personal injury.

WARNING: Never get underneath a vehicle that is supported only by a jack. The jack could unintentionally lower. Always support vehicle with floor stands. Failure to follow these instructions may result in serious personal injury.

WARNING: Only raise the vehicle when positioned on a hard, level surface. Attempting to raise the vehicle on an uneven or soft surface may result in vehicle slipping or falling from the jack or jackstand. Failure to follow this instruction may result in serious personal injury.

WARNING: Turn off (disable) the power running boards (if equipped) before jacking, lifting or placing any object under the vehicle. Never place your hand between the power running board and the vehicle. Extended power running boards will retract when doors are closed. Failure to follow these instructions may result in serious personal injury.

NOTE: Crew Cab pickup 4WD shown, others similar.



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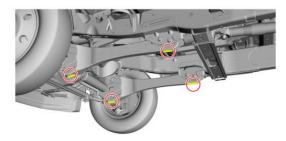


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Item	Description
1	Radius arm lifting points
2	Frame lifting points
3	Rear axle lifting points

Lifting and Jacking Points - Front

Use the following illustrations to determine the recommended lifting points for the vehicle being lifted. The lifting points will vary depending on the type of hoist being used and the vehicle configuration.



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NOTICE: When raising a vehicle on a hoist, use care when positioning the hoist adapters prior to lifting the vehicle so that hoist arms do not interfere with the surrounding suspension or steering linkage components.

NOTICE: Jacking the vehicle is intended to be used in an emergency for changing a deflated tire. To avoid damage to the vehicle, never use a jack to hoist the vehicle for any other purpose.

Only the specified jacking points may be used for jacking and supporting the vehicle

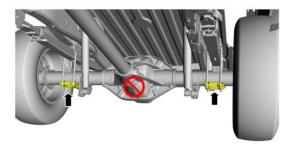
Lifting and Jacking Points - Rear

NOTICE: Do not use the differential housing as a lift point. Leaks or damage to the rear axle cover and adjoining differential housing surface may occur if a floor jack or any lifting device is allowed to contact the cover at any point where the cover joins the housing.

NOTICE: Position lift arms or floor jack on flats of rear spring brackets to avoid damage to rear axle.



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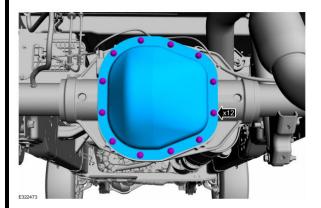


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Put vehicle on hoist per Jacking and Lifting Overview

Cover Removal

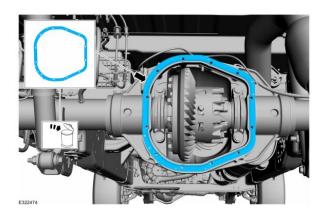
Loosen cover bolts with drain pan under differential. Allow to drain.



Remove differential cover bolts, differential cover and cover gasket.



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Remove all silicone and make sure suface is free of oil before appling new gasket.

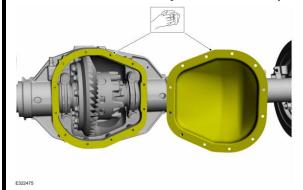
Differential Housing Flange Cleaning

Note: Don't use any metal cleaning tools or power sand or grinding tools to clean the housing flange surface. These tools cause scratches and gouges which create leak paths.

Note: The use of latex gloves is recommended. Using gloves will minimize the risk of contaminating the sealant during assembly.

Note: Place clean, lint-free towels over differential cavity. When housing flange is clean, carefully remove towels from cavity making sure no foreign material drops into the housing.

Remove loose sealant by hand or with a plastic scraper or plastic razor blade



Apply gasket remover to housing flange surface, Motorcraft # ZC-30-A. Allow gasket remover to work for several minutes.

Use lint-free towel and plastic scraper or plastic razor blade to remove any remaining sealant. Repeat the process as needed until surface is clean.

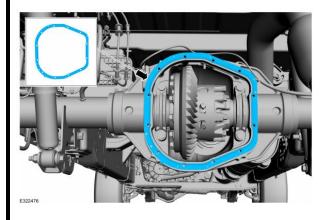
Clean differential housing flange surface and Ford Performance Cover flange with a lint-free towel soaked in isopropyl alcohol (90% minimum).



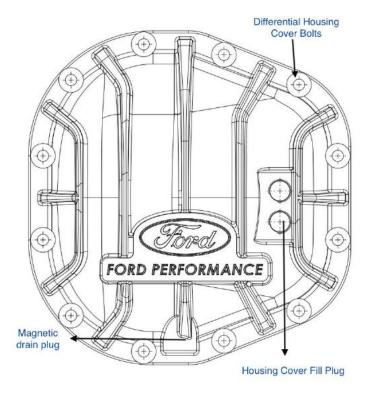
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Cover Installation

Install supplied cover gasket



Install cover with supplier bolts, torque to 33lb. ft (45Nm).





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Install magnetic drain plug, torque to 22 ft. lb (30	ONm).
Install upper fill plug, torque to 22 ft. lb (30Nm).	
Fill differential with Motorcraft Axle Lubricant th back out, install plug, torque to 22 ft. lb (30Nm). amount.	nrough the bottom fill hole untill the lubricant begins to drain See owners manual for specific type of Axle Lubricat and fill

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