

TSN01178-300-A: DRIVE UNIT HOIST

PURPOSE:

Used to lift drive unit in and out of subframe and onto pallet.



LABOR CODE:

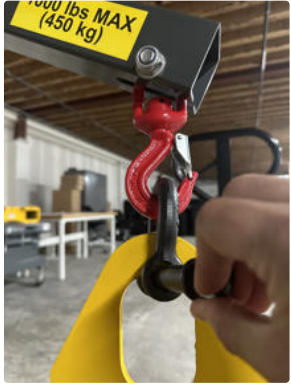

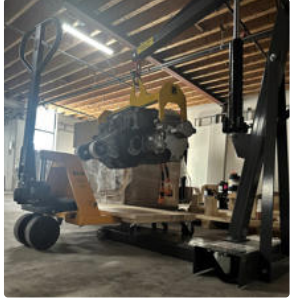

3800 - Front Drive Unit, General, 4200 - Rear Drive Unit, General



GENERAL PRINCIPLES:

- Refer to service manual for all drive unit service procedures.
- Ensure all Drive Unit Hoist hardware is fastened securely.
- Use with TSN001187-100-A Solid Top Hardwood Dolly.
- Take necessary precautions to ensure drive unit does not roll over once placed onto Solid Hardwood Dolly.

⚠ CAUTION: Do not perform procedure if any equipment is missing or damaged. Contact tooling team with any questions or requests for replacement parts. ServiceToolEngineering@rivian.com

TOOL USAGE:

STEP	DIRECTIONS	VISUAL AID
1	<p>Refer to Service Manual to select applicable Drive Unit Hoist jig adapter.</p> <p>Attach the Drive Unit Hoist to the jig adapter by securing the shackle bolt into fully threaded locked position.</p>	
2	<p>Keep protruding section of the drive unit facing away from the hoist before lifting.</p>	
3	<p>1. Lower the removed drive unit onto TSN001187-100-A Solid Top Hardwood Dolly. Keep hands and all body parts clear when lowering. Once lowered onto dolly, make sure it is sitting stable. If stable remove from hoist. If repositioning is required, use the hoist to lift and reposition. This will free up the hoist to pick-up the replacement drive unit to install in vehicle.</p>	
4	<p>Use a pallet jack to raise the shipping pallet containing the new/remanufactured replacement drive unit.</p>	

5	<p>With the pallet raised you can slide the Drive Unit Hoist underneath from the side, and lift the drive unit out.</p>	
6	<p>Lower the replacement drive unit onto the vehicle subframe. Follow Service Manual instructions for install.</p>	
7	<p>Lift the drive unit to be returned from the TSN001187-100-A Solid Top Hardwood Dolly onto return shipping pallet.</p>	