

TSN00994-300: DRIVE UNIT LIFTER - KIT

⚠ NOTICE: Universal Lifter Kit (TSN00994-300-B) supersedes existing DU lifters

[TSN00540, DRIVE UNIT LIFTER - ORIGIN \(OBSOLETE\)](#)

[TSN00994-201-A: SINGLE MOTER DRIVE UNIT LIFTER \(OBSOLETE\)](#)

PURPOSE

LIFT PLATES ARE ATTACHED TO THE LIFT BEAM IN ORDER TO HOIST DRIVE UNITS IN AND OUT OF SHIPPING CRATES AND SUBFRAMES.

OTHER TOOLS REQUIRED

- **TSN00522** - Chain Hoist
- **TSN00523** - Gantry
- **TSN01178** - Drive Unit Hoist

LABOR CODES

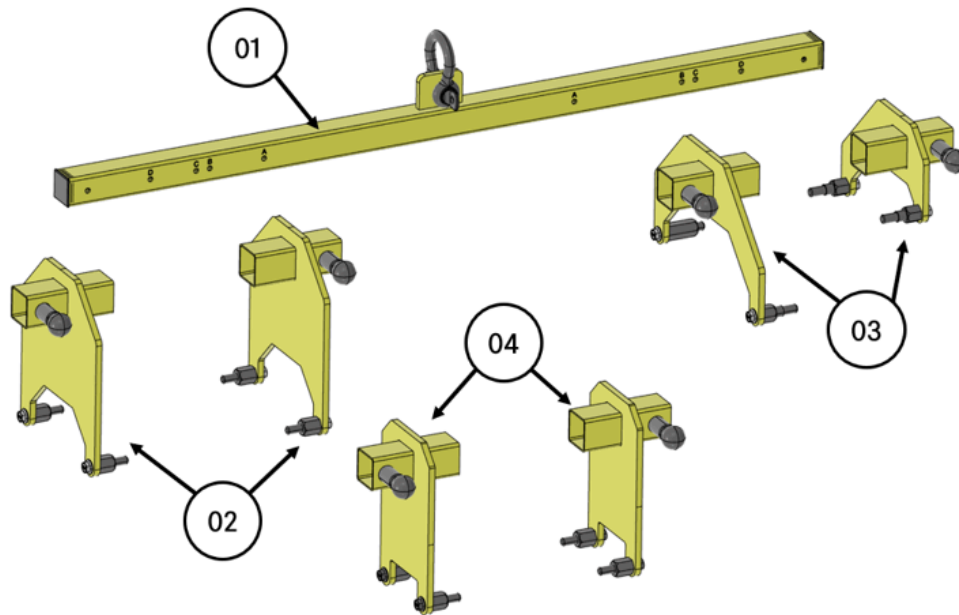
- **381010010** - Drive Unit, Front (Remove and Replace)
- **465525010** - Subframe, Rear (Remove and Replace)
- **421010010** - Drive Unit, Rear (Remove and Replace)

PREPERATION

⚠ Before use, visually inspect the tool for damage to the lifting pins/cracks at welds. If the tool is damaged or compromised, DO NOT PERFORM THE LIFT.

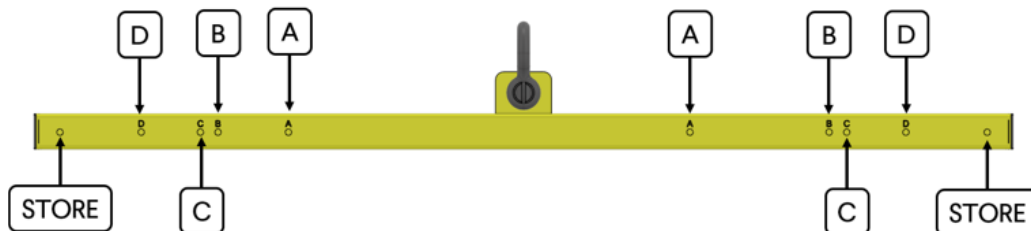
- Contact the tooling team with any questions or requests for replacement parts: ServiceToolEngineering@rivian.com
- Never lift more than the rated lift capacity labeled on the tool
 - Universal Lift Beam Capacity: **440 lbs (200 kg)**

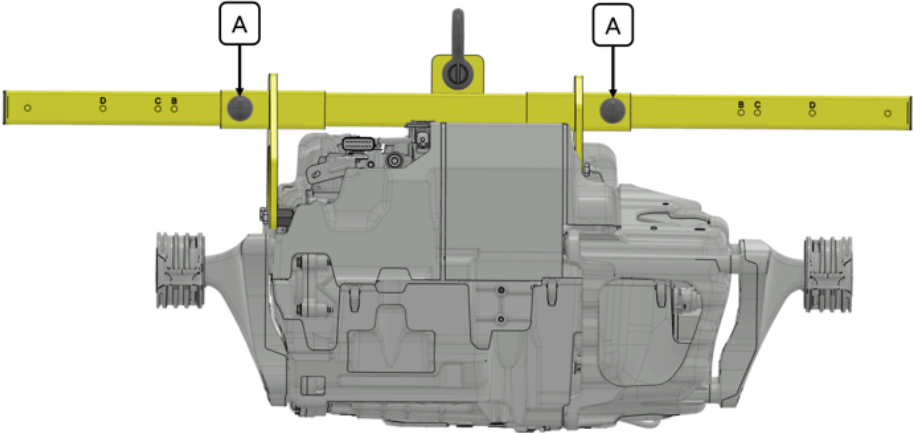
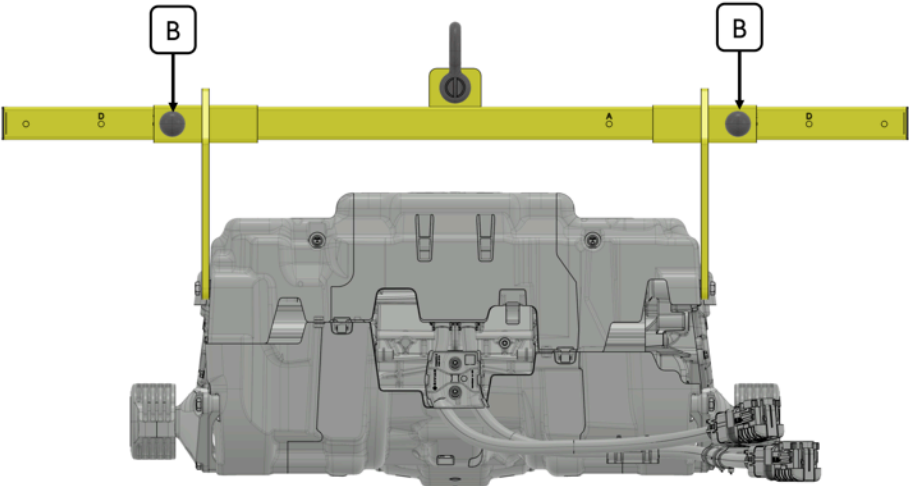
TOOL OVERVIEW

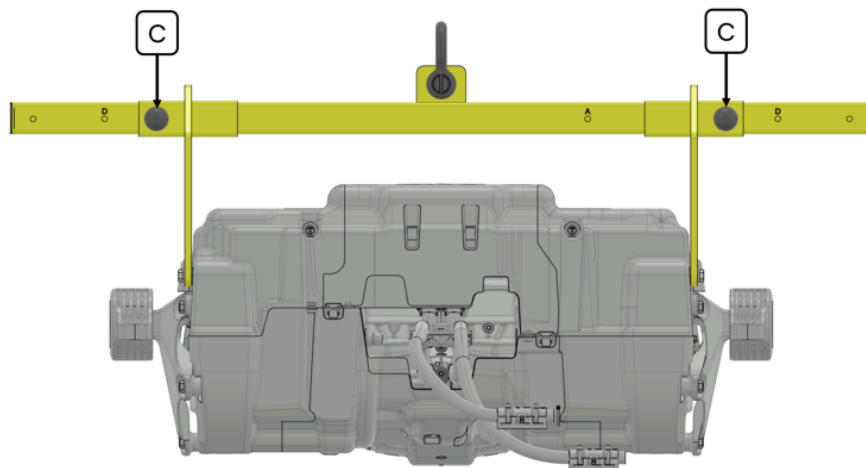


ITEM	PART NUMBER	DESCRIPTION
01	TSN00994-200-A	UNIVERSAL LIFT BEAM
02	TSN00994-202-A	ORIGIN + ASCENT FRT DRIVE UNIT - LIFT PLATE KIT
03	TSN00994-203-A	ENDURO DRIVE UNIT - LIFT PLATE KIT
04	TSN00994-204-A	ASCENT REAR DRIVE UNIT - LIFT PLATE KIT

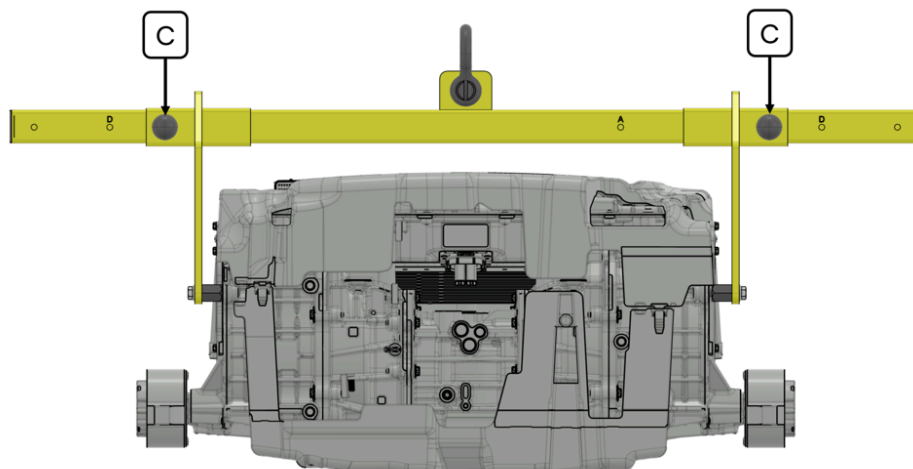
LIFT BEAM POSITIONS



POSITION	LIFT PLATE KIT	DRIVE UNIT CONFIGURATION
A	TSN00994-203-A	 <p data-bbox="873 764 1049 781">ENDURO (FRONT + REAR)</p>
B	TSN00994-202-A	 <p data-bbox="906 1432 1016 1449">ORIGIN FRONT</p>
C	TSN00994-202-A	



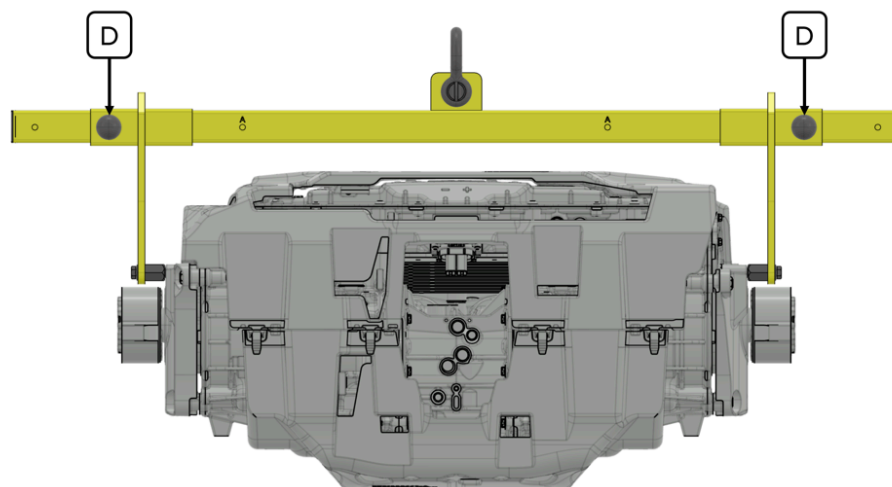
ORIGIN REAR



ASCENT FRONT


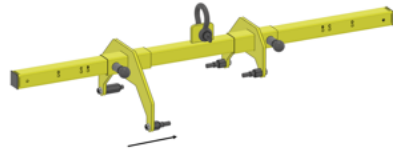
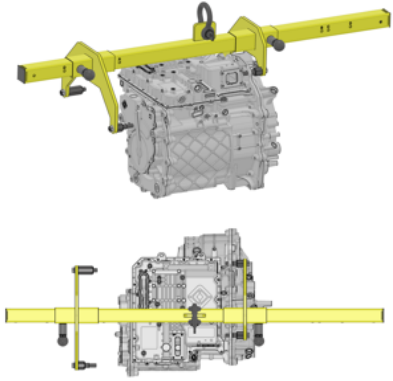
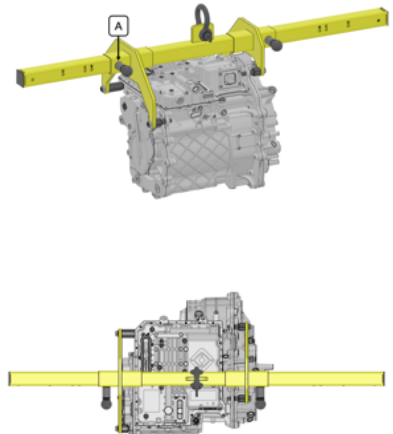
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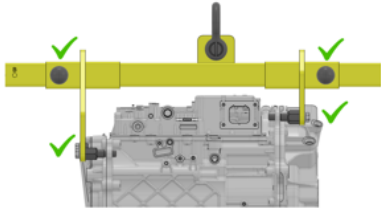

TSN00994-
204-A



ASCENT REAR

TOOL USAGE

STEP	DIRECTIONS	VISUAL AID
1	<p>Attach the right side lift plate to the right side of the lift beam.</p> <p>Slide plate assembly until spring plunger locks in place in the correct position for the drive unit being lifted (refer to LIFT BEAM POSITIONS)</p> <p><i>Note: Plates are unique between LH and RH sides. Ensure spring plunger is on the correct side of the beam before installing.</i></p>	 <p>Pos. A + Enduro DU shown for example</p>
2	<p>Attach left side lift plate to the left side of the beam but do not engage the spring plunger.</p>	
3	<p>Lower the lift beam into place until both right side lift pins are engaged with the drive unit.</p>	
4	<p>Slide the left side lift plate until both pins engage the drive unit and the spring plunger locks in place in the correct position for the drive unit being lifted (refer to LIFT BEAM POSITIONS)</p>	

5	Verify that both spring plungers are locked in place and all four pins are engaged with the drive unit.	
6	Attach hoist to lift beam shackle and lift drive unit, ensuring unit remains level while lifting. <div data-bbox="302 583 899 663" style="border: 1px solid black; background-color: #fff9c4; padding: 5px;"><p> CAUTION: Ensure shackle pin is fully threaded into shackle body before performing any lift.</p></div>	