



***Important* REC-002-23 Driveshaft Separation Technical Instructions**

1 message



Thu, Mar 23, 2023 at 7:04 AM



Good Morning,

Technical Instructions for the Driveshaft Separation recall, REC-002-23 have been published on the Xosphere. See link below and attached PDF. Please review the entire document and let me know if you have any questions or concerns.

Currently parts are limited and priority is being given for vehicles already in customer use. Parts will be shipped to dealers when available. **If you have a pending sale on a vehicle in your inventory please let me know and I will have the parts sent to your dealership.**

<https://xostrucks.zendesk.com/hc/en-us/articles/15103012683667-Rec-002-23-Driveshaft-Separation-Technical-Instructions>

As always if you need help or technical assistance please reach out to me or the Xos Support Team at support@xostrucks.com or (855) 909-4407

Please be reminded that under 49 U.S.C. § 30112(a)(3), it is illegal for a manufacturer to sell, offer for sale, import, or introduce or deliver into interstate commerce, a motor vehicle or item of motor vehicle equipment that contains a safety defect once the manufacturer has notified NHTSA about that safety defect.

Thank you,



Dealer Sales and Support Manager



xostrucks.com

Los Angeles, CA



REC-002-23 Technical Instructions.pdf

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Xos Safety Recall REC-002-23

Driveshaft Separation

IMPORTANT - Read this document carefully and completely to understand the applicability of this recall and the related repair procedure(s). Failure to follow the instructions correctly may result in incomplete repairs and duplication of efforts.

Repair Overview:

1. Confirm VIN is applicable under this Safety Recall.
2. Perform vehicle inspections to determine necessary repairs.
 - a. Confirm EPB Rotor to be unpainted for reuse.
3. Perform applicable repairs.

NOTE: All impacted vehicles must undergo EPB Rotor fasteners complete replacement. Fasteners cannot be reused.

4. Submit warranty claim to close recall for applicable VIN.

Vehicle Applicability:

Model Year	Model	Body Application
2021 - 2022 2021	SV05 RM01 SA01	Morgan Olson CITE Utilimaster

Parts Information:

Repair Type	Part Number	Part Name	QTY
Complete EPB Rotor Fastener Replacement Hardware	HD20-HH-M0111	Steel Hex Head Screw Class 10.9, M14 x 2 mm Thread, 30 mm Long	10
	HD40-HH-M0010	Washer, Flat, Zinc Plated Steel, M14 28OD/15ID	10
	HD20-HH-M0112	Alloy Steel Flange Bolt Class 10.9 Steel Screws, M8 x 1.25mm, 30mm Long	8
	VN00-PB-N0339	LOCTITE 243 ADHESIVE	1
	N/A	Torque Marker Pen	1
EPB Rotor Surface Cleaning	N/A	Brake Parts Cleaner	1
EPB Rotor Replacement - See inspection criteria	RM01-MB-M0044	EPBv2 Rotor	1

Warranty Information:

Model	Operation Code	Operation Description	Time (Hours)
SV05	04086	Complete EPB Rotor Fastener Replacement Hardware	1
	04096	EPB Rotor Reuse "Tapping & cleaning"	0.5
	04106	EPB Rotor Replacement	Included with 04086

Required Special Tools & Equipment:

Tool/Equipment Description	Specification	Example
Wrench	M8 Wrench	
Wrench	M14 Wrench	
Torque Wrench	50 Nm Rated Torque Wrench	
Torque Wrench	200 Nm Rated Torque Wrench	
Tap Tool	Threaded Hole Tap Tool	

EPB Rotor Inspection

1. Visually inspect EPB Rotor.
2. Confirm all surfaces of the rotor to be completely unpainted.
 - a. If the surface is unpainted, the rotor will be reused after cleaning and tapping.
 - b. If the surface is painted, the rotor must be discarded and replaced with an unpainted one (**RM01-MB-M0044**).



Figure 1 - Painted Rotor (Incorrect)

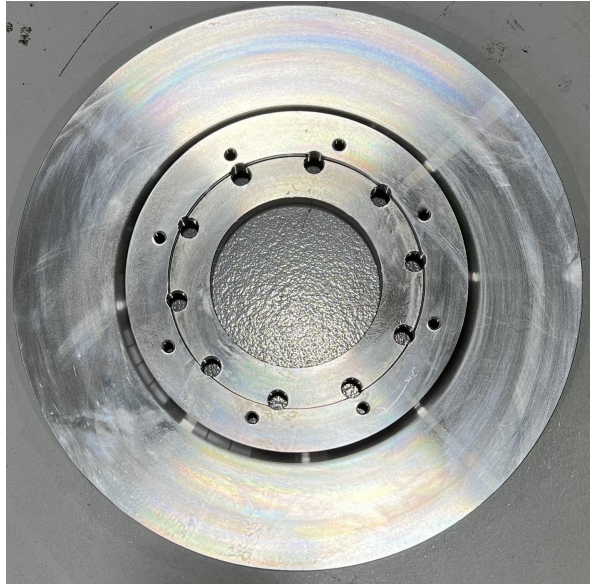


Figure 2 - Unpainted Rotor (Correct)

Vehicle Rework Procedure:

1. Disconnect the Driveshaft yoke from the EPB rotor and discard the used M8 bolts. If the vehicle is serviced in the field and is not lifted, carefully rest the driveshaft on the ground.



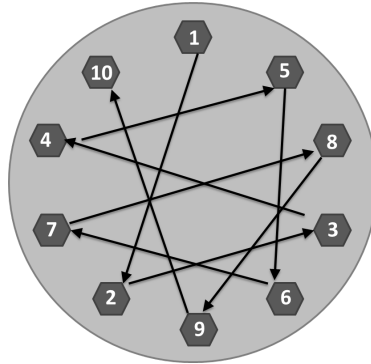
2. Disconnect the EPB rotor from the motor flange yoke and discard all the used M14 bolts, lock washers and flat washers.



3. Confirm that mating surfaces on both sides of the rotor are UNPAINTED. If the rotor is painted, please swap the rotor to a new and unpainted one (**RM01-MB-M0044**). Refer to the rotor inspection procedure above.
4. Confirm that the yoke area under and around the bolt heads is bare metal and clean of paint or dirt.
5. Clean the surfaces of the rotor with brake cleaner, even if the rotor is new, to remove any anti-rust liquid residue.
6. Tap and clean the threaded holes on the rotor on both sides to remove any Loctite residue that may be present. Skip this step if the rotor is being replaced.
7. Install washers (**HD40-HH-M0010**) on new bolts (**HD20-HH-M0111-A**).
8. Apply TWO DOTS of LOCTITE 243 (**VN00-PB-N0339**) halfway down the threads on opposite sides, one on each side, on the new bolts (**HD20-HH-M0111-A**) as shown below.



9. Tighten in a star pattern to fasten motor flange yoke to rotor using the appropriate wrench. **Note:** there are no lock washers installed in the reassembly. The following figure exhibits the star pattern to fasten the bolts.



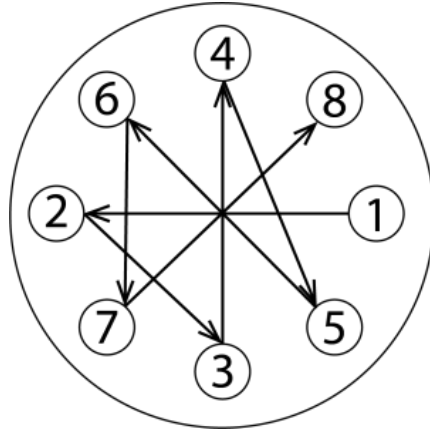
10. Torque the bolts to 200 Nm using the appropriate torque wrench following the above star pattern and then mark them using the torque marking pen.



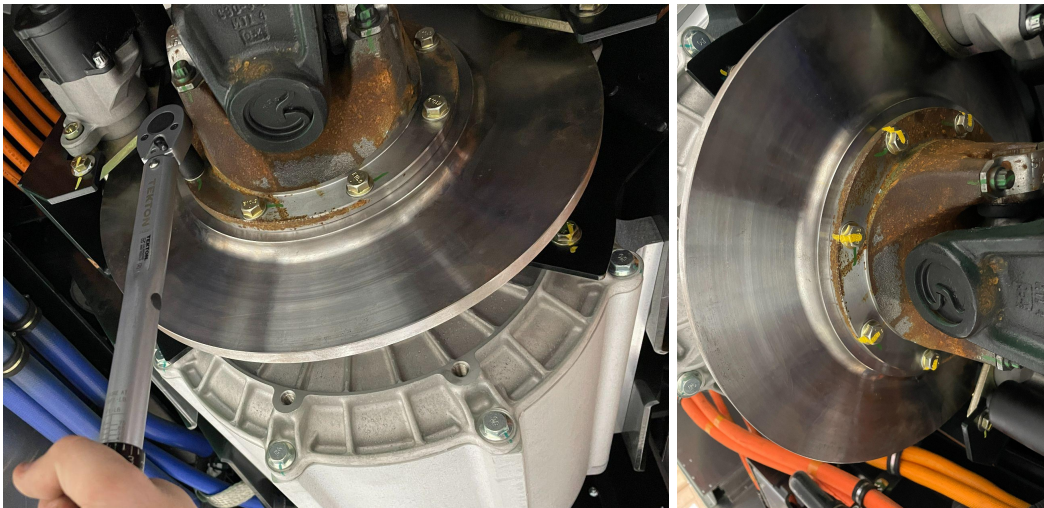
11. Apply TWO DOTS of LOCTITE 243 (**VN00-PB-N0339**) halfway down the threads on opposite sides, one on each side, on all new bolts (**HD20-HH-M0112-A**). The M8 bolts must be a 10.9 grade.



12. Fasten the driveshaft yoke to the rotor while following the star pattern for 8 bolts.



13. Torque the bolts to 50 Nm using the appropriate torque wrench while following the above exhibited star pattern and then mark them.



14. Mark this process as completed on the VIN log.