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First Release

12-19-2019

UPPER REACTION RODS TORQUE INSPECTION

B13R (9700 us/can)

NOTICE TO SERVICE CENTERS			
Verify vehicle eligibility by checking warranty bulletin status with SAP or via ONLINE WARRANTY SYSTEM available on Service / Warranty tab of Prevost website.			
Model	VIN		
Volvo 9700 us/can Model Year: 2018 - 2020	3CET2V92XJ5188023	3CET2V925K5194801	3CET2V922K5196456
	3CET2V925J5188026	3CET2V921K5195010	3CET2V926K5196508
	3CET2V928K5192296	3CET2V923K5195011	3CET2V928K5196509
	3CET2V928K5192301	3CET2V925K5195012	3CET2V924K5196510
	3CET2V92XK5192302	3CET2V927K5195013	3CET2V926K5196511
	3CET2V920K5192437	3CET2V929K5195014	3CET2V928K5196512
	3CET2V924K5192442	3CET2V920K5195015	3CET2V92XK5196513
	3CET2V926K5192443	3CET2V922K5195016	3CET2V927L5198317
	3CET2V927K5192676	3CET2V924K5195017	3CET2V929L5198318
	3CET2V927K5192824	3CET2V926K5195018	3CET2V920L5198319
	3CET2V929K5192825	3CET2V928K5195019	3CET2V920L5198322
	3CET2V922K5192827	3CET2V925K5195060	3CET2V922L5198323
	3CET2V924K5192828	3CET2V927K5195061	3CET2V921L5198474
	3CET2V922K5192830	3CET2V929K5195062	3CET2V923L5198475
	3CET2V921K5192835	3CET2V920K5195953	3CET2V925L5198476
	3CET2V928K5194257	3CET2V922K5195954	3CET2V925L5199370
	3CET2V926K5194564	3CET2V920K5196018	3CET2V927L5199371
	3CET2V92XK5194566	3CET2V922K5196019	3CET2V929L5199372
	3CET2V926K5194709	3CET2V929K5196020	3CET2V920L5199373
	3CET2V924K5194711	3CET2V920K5196021	3CET2V922L5199374
	3CET2V926K5194712	3CET2V922K5196022	3CET2V924L5199375
	3CET2V921K5194715	3CET2V928K5196025	3CET2V926L5199376
	3CET2V929K5194798	3CET2V927K5196453	3CET2V928L5199377
	3CET2V920K5194799	3CET2V929K5196454	3CET2V92XL5199378
	3CET2V923K5194800	3CET2V920K5196455	3CET2V921L5199379
This bulletin does not necessarily apply to all the above-mentioned vehicles, some vehicles may have been modified before delivery.			

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MATERIAL NEEDED

Parts that may be required (see instruction):

Part No.	Description	Qty
984837	FLANGE SCREW M16X80 10.9 (axle side)	As Req.

NOTE

Material can be obtained through regular channels.

DESCRIPTION

On the vehicles affected by this bulletin, the flange bolts securing the upper reaction rods to the drive axle may not have been sufficiently torqued and may come loose.

An inspection is required and all insufficiently torqued or loose fasteners must be replaced and torqued to their specified value.

Moreover, an inspection sheet (included at the end of this bulletin) indicating the recorded torque value for each bolt must be filled and sent back to Prevost for further analysis.



IMPORTANT

Torque Seal marks (either green or yellow – broken or not) may be present on the bolts, do not rely on them to assume that the bolts are correctly torqued. Remove all torque marks before proceeding.

PROCEDURE



DANGER

Park vehicle safely, apply parking brake, stop engine. In the battery box, set the battery cut-off switch to the OFF position prior to working on the vehicle.

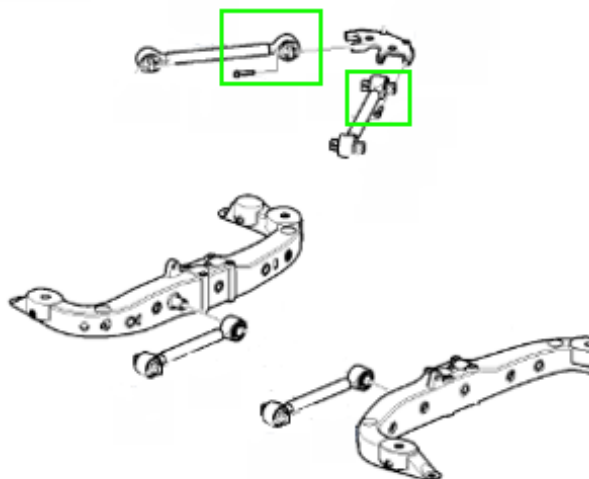
Lock out & Tag out (LOTO) must be performed during set-up, maintenance or repair activities. Refer to your local procedure for detailed information regarding the control of hazardous energy.

1. Lift up the bus and support it so that the rear axle is free. Support the axle on a jack or wheel lifts.
2. Locate the two upper reaction rods and corresponding mounting hardware.
3. If bolts are showing torque seal marks (broken or not), they must be removed (cleaned).
4. Using a suitable & recently calibrated digital or dial type torque wrench, take note of the reaction rods mounting hardware torque (axle mounting point) on the inspection sheet provided at the end of this bulletin.
 - If a digital or dial torque wrench is not available, set the wrench to **100Nm** (75 lb-ft) and take readings in **10Nm** (+/-7 lb-ft) increments until the actual torque value is reached (bolt starts to move).

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NOTE

Four measurements (total) are required (the two reaction rods are held by two bolts each at the axle side).



5. Once measurements are recorded, re-torque all 4 bolts to **275Nm +/- 45** (200 lb-ft +/- 30).



IMPORTANT

- All loose fasteners (showing less **100Nm** (75 lb-ft) during the initial inspection) must be replaced.
- Replace bolts one by one to avoid disturbing the rod adjustment (shims could be present).
- Order bolt(s) # **984837**.
- Torque all new bolts to **275Nm +/- 45** (200 lb-ft +/- 30).

6. Apply a stripe of tamper proof indicator (Torque Seal) to all replaced or re-torqued fasteners.
7. Send a copy of the inspection sheet (see last page) to: technicalpublications_Prev@volvo.com.

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PARTS / WASTE DISPOSAL

Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)

ESTIMATED TIME

The time required to perform this special bulletin is approximately $\frac{3}{4}$ hour for the inspection and $\frac{3}{4}$ hour for bolts replacement.

OTHER

VBC Bulletin	N/A
Fail Code	11.03
Defect Code	09
Syst. Cond	B
Causal Part	984837

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<http://techpub.prevostcar.com/en/>
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Prevost engages in a continuous program of testing and evaluating to provide the best possible product. Prevost, however, is not committed to, or liable for updating existing products.

INSPECTION SHEET : SP19-91 UPPER REACTION ROD INSPECTION

Date: _____

Service Center: _____

Fill by: _____

Vehicle VIN: _____

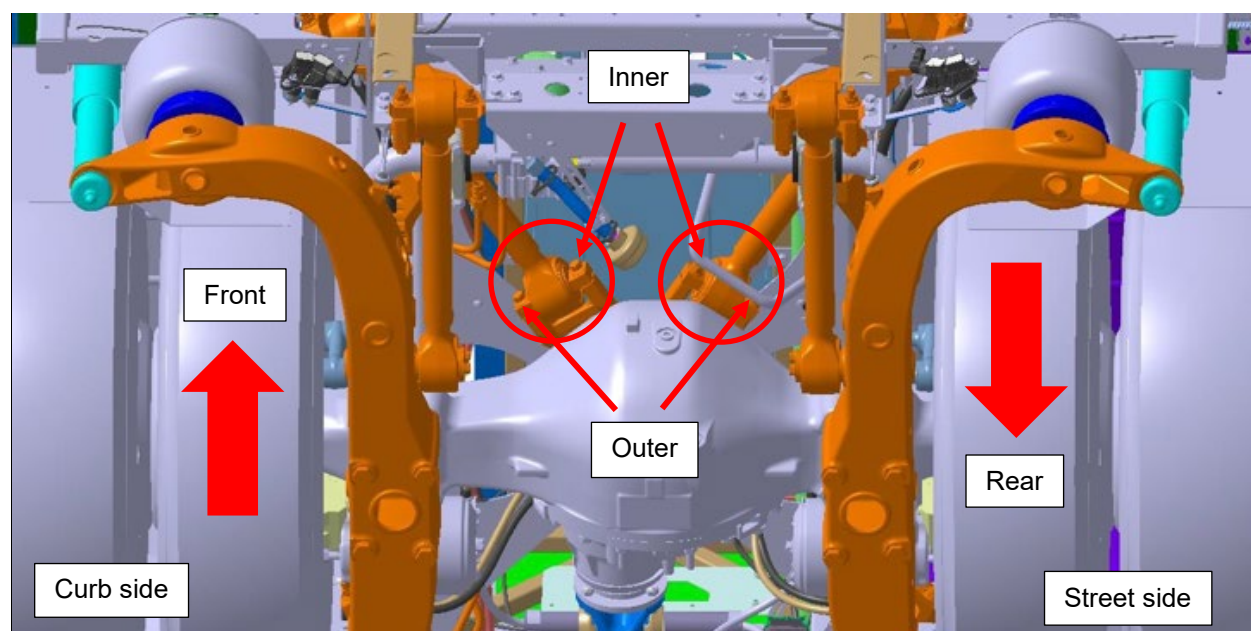
Mileage: _____

Number of replaced bolts: _____

RECORDED TORQUE VALUES:

POSITION	INNER VALUE	OUTER VALUE
STREET SIDE <u>AXLE</u> MOUNTING POINT		
CURB SIDE <u>AXLE</u> MOUNTING POINT		

***Send this inspection sheet to: technicalpublications_Prev@volvo.com



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