

Subject: Front Steering Hoses Recall

Bulletin Type: Service Campaign Recall

Bulletin No:TS45-SR-1902

PQR No:

Rev No:

Ref. No: 700003681

Vehicle Model: TS45

Flat Rate Time / Code: 30 min

Date of issue: 09.09.2019

Modify Before:

What to do with off coming parts:

- Scrap
- Return
- Use with additional parts
- On consignment
- No off coming parts

What to do with outstanding parts of previous revision:

- Scrap
- Return
- Use with additional parts
- On consignment
- No outstanding parts

Description of the modification:

This document describes the recommended steps for the check and fix of the steering hoses on the front axle

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Published & Approved By: Sibel Perçin

SAFETY INSTRUCTIONS

1. Mechanical Requested



Dress Code

WARNING:

- Dress properly to avoid personal injury and damage to the vehicle

- ✓ Always wear protective clothing
- ✓ Do not wear any worn or loose-fitting clothing
- ✓ Remove jewelry before starting to work
- ✓ In case of long hair, use hairnet
- ✓ The illustration on the left shows some of the correct and incorrect clothing
- ✓ Sharp edged items should be avoided in order not to scratch vehicle (i.e. belts, watches, necklace)

2. Protect Seats when Mechanic Starts Working


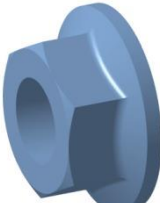



- ✓ Seats, trimming, upholstery stuff and carpeting should be protected with appropriate coverings.

3. Welding on the Chassis

- a. Always disconnect the batteries (starting with the negative lead).
- b. Disconnect the connectors of electrical and electronic equipment (electronic control units, sensors and actuators) if they are less than 2 meters away from the chassis part to be welded or the earth terminal of the welding equipment.
- c. The earth terminal should never be attached to vehicle components such as engine, axles and springs. Arcing on these parts is not permitted, because of the risk of damage to bearings, springs, etc.
- d. The earth terminal must make good contact and be placed as close as possible to the part to be welded.
- e. Plastic pipes, rubber parts and parabolic springs should be well protected against welding spatter and temperatures higher than 70°.
- f. The contact switch must not be in the accessory or contact position. The contact key should be removed.
- g. . Ensure that a good earth connection Reconnect in reversed order of disconnecting is made between chassis, engine and cab.

INCLUDED PARTS LIST

No	Part No	Part Name	Picture	Qty	Unit of Measure
1	MF140005Y	BOLT,HEX,FLANGE (M6X0.9X16 4T) K:5.8		2	Piece
2	MF434103Y	NUT,HEX,FLANGE(M6)		2	Piece
3	YP9326-7238Y	BRACKET , LIMITER 3X22X30 mm		1	Piece

TECHNICAL INSTRUCTIONS

1. Make the following preparations;

- Take the vehicle to the pit and or lift area.
- Stop the engine. (Lift the vehicle with 6 lifts on all three axles.)
- Make sure that the front wheels are in the straight-ahead position.

2. Application area; (See Figure-1 and Figure-2)

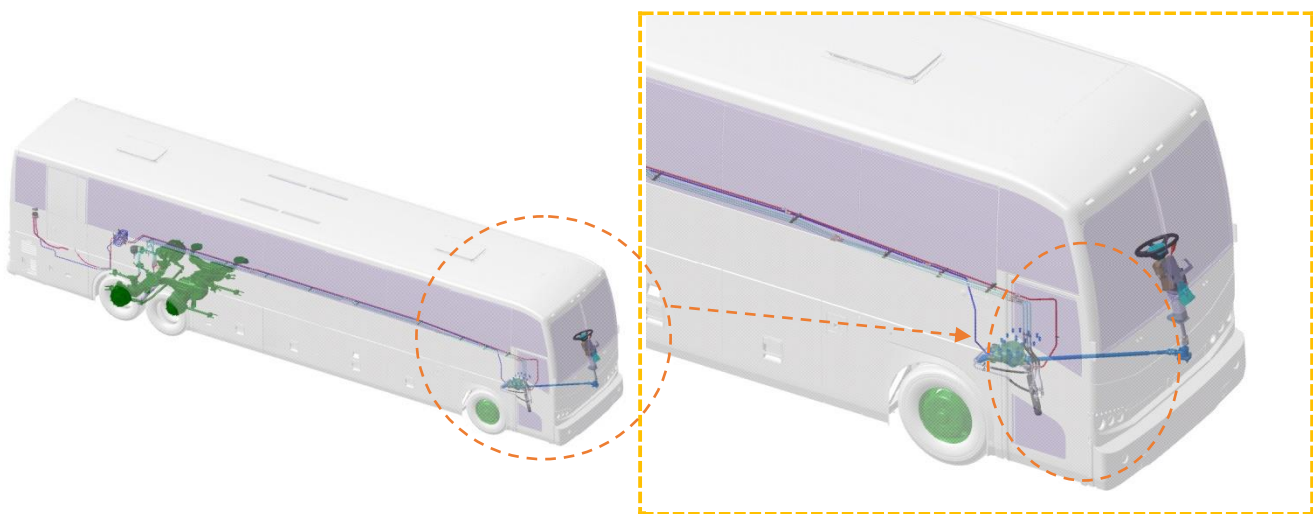


Figure-1

Figure-2

3. Check the steering hoses shown in the picture below (See Figure-3 and Figure-4)

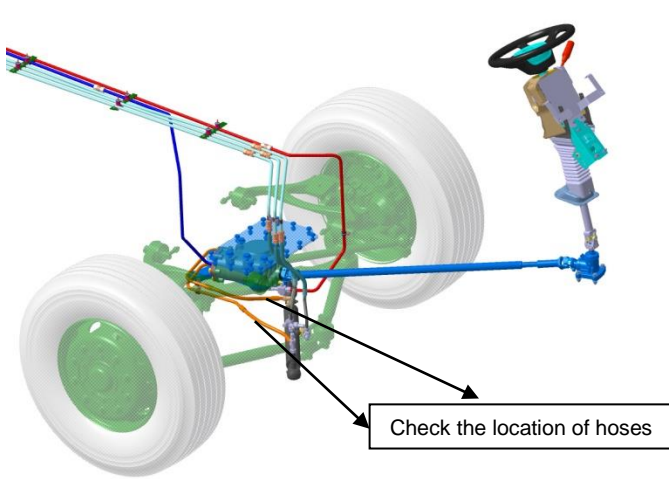


Figure-3

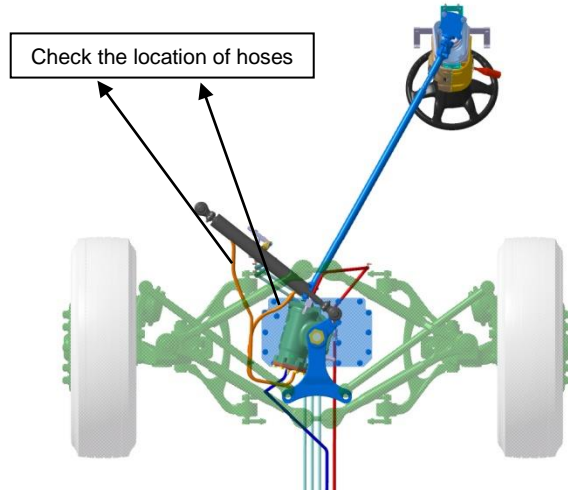


Figure-4

4. Dismount the clips which are assembled on the bracket (shown with red arrow) and mount the 9326-7238Y numbered bracket (shown with blue color in **Figure-7**) with using MF140005Y numbered bolt and MF434103Y numbered nut. (Tightening torque value is **3.69 ft-lb / 5Nm**). Then fix the 9326-7238Y by applying adhesive sealer. Bonding process must be done by applying adhesive sealer that the adherend part can not be detached.

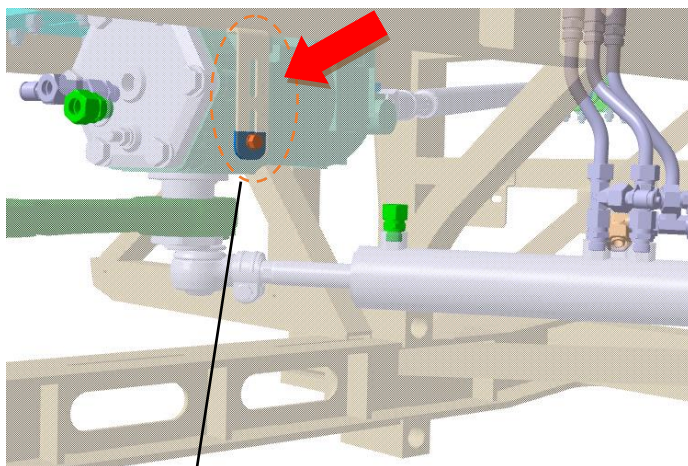


Figure-6

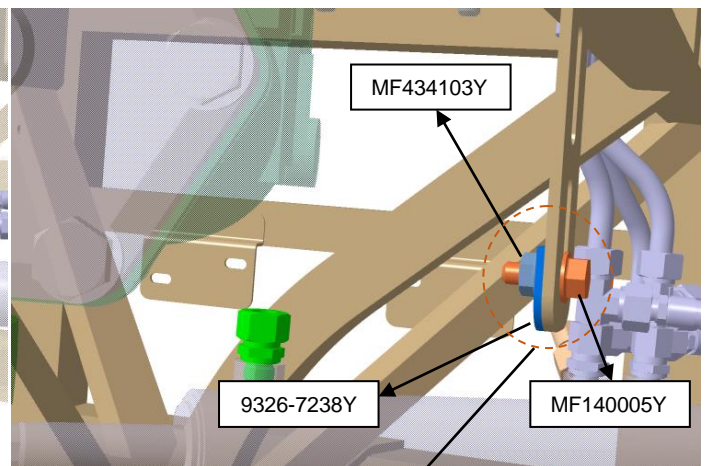
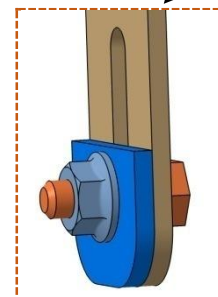
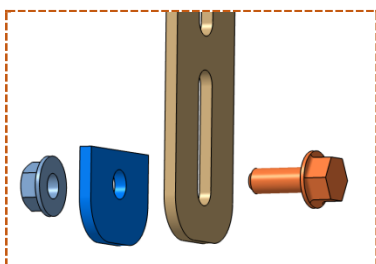


Figure-7



5. Fix the hose and pipe on the chassis with using MH020805Y numbered clip as shown in the picture below (Tightening torque value is **3.69 ft-lb / 5Nm**). (See **Figure-8**)

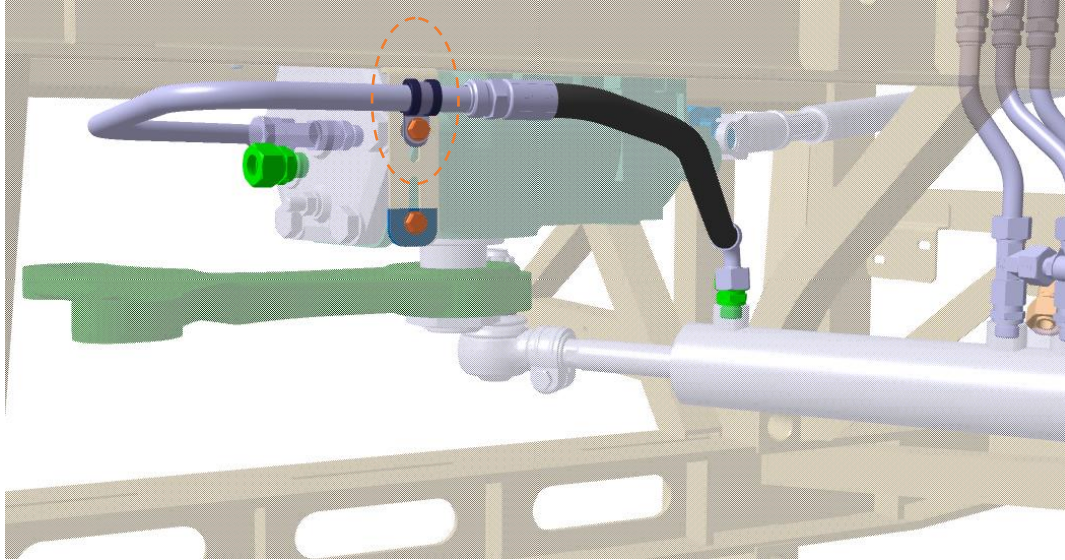


Figure-8

6. Fix the hose and pipe on the chassis with MH020805Y with using MH020805Y numbered clip as shown in the picture below (Tightening torque value is **3.69 ft-lb / 5Nm**). (See **Figure-9**)

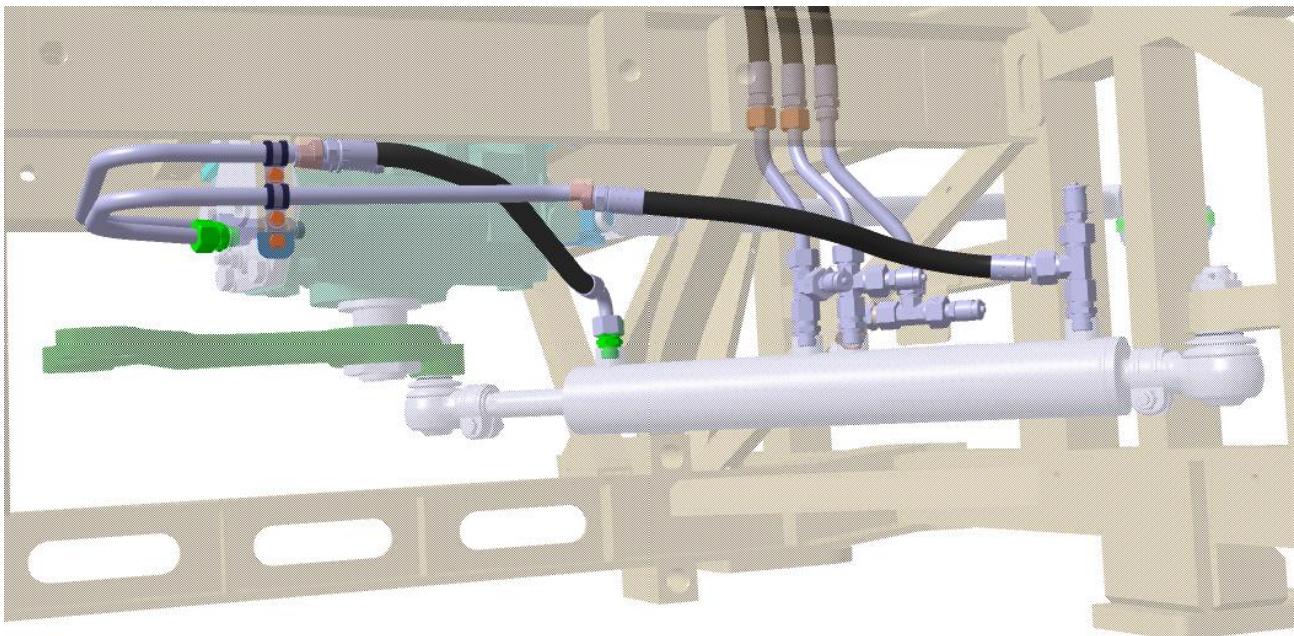


Figure-9

FLAT RATE BREAK DOWN

Application	Time
Tool preparations	5 min
Checking and fixing of the steering hoses	25 min
Total	30 min

Safety recall TS45-SR-1902 is applicable to following units:

<i>To whom that will carry out this bulletin</i>	
Verify vehicle eligibility by checking warranty bulletin status via TEMSA ONLINE SYSTEM	
Model	VIN
TS-45	Begin: NLTEJXM84K1000220 End: NLTEJXM87K1000289
This Safety Recall does not necessarily apply to all the above-mentioned vehicles, some vehicles may have been modified before delivery.	