

## SERVICE INSTRUCTIONS

REFERENCE: FSA202317\_V2

DATE: 10.01.2024

SUBJECT: FMAX C4AS Suspension Bellow Replacement

FSA TYPE: Recall

### Parts to be Used

Part Number	Part Description	Usage
DC46 5580 CB	Chassis Suspension - Front Bellow	2
DC46 5580 DB	Chassis Suspension - Rear Bellow	2

### Labour

Labour Code	Labour Name	Labour time
14C082A	Chassis Suspension Bellow Replacement	3 h
14C082 B	Suspension Bellow Production Date Control	0.25 h

### Introduction

The front C4AS suspension air bellow numbered DC46 5580 AB to be replaced with DC46 5580 CB and rear C4AS suspension bellow numbered DC46 5580 BB to be replaced with DC46 5580 DB new parts for risky vehicles. Regarding C4AS suspension air bellows replacement, please follow waterfall diagram below.

- ⚠ Before than air bellow replacement, production dates should be controlled for related vehicles.  
If production dates are **17/23, 18/23 or 19/23** please follow the rest of instructions otherwise, don't take any action.  
(Example photo is showing that "18" is meaning "production week" and "23" is meaning "production year" – 18/23)



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⚠ Place wedges to back and front side of wheel and make sure wheel is fixed.



⚠ Don't touch height level sensor for causing any calibration losses.





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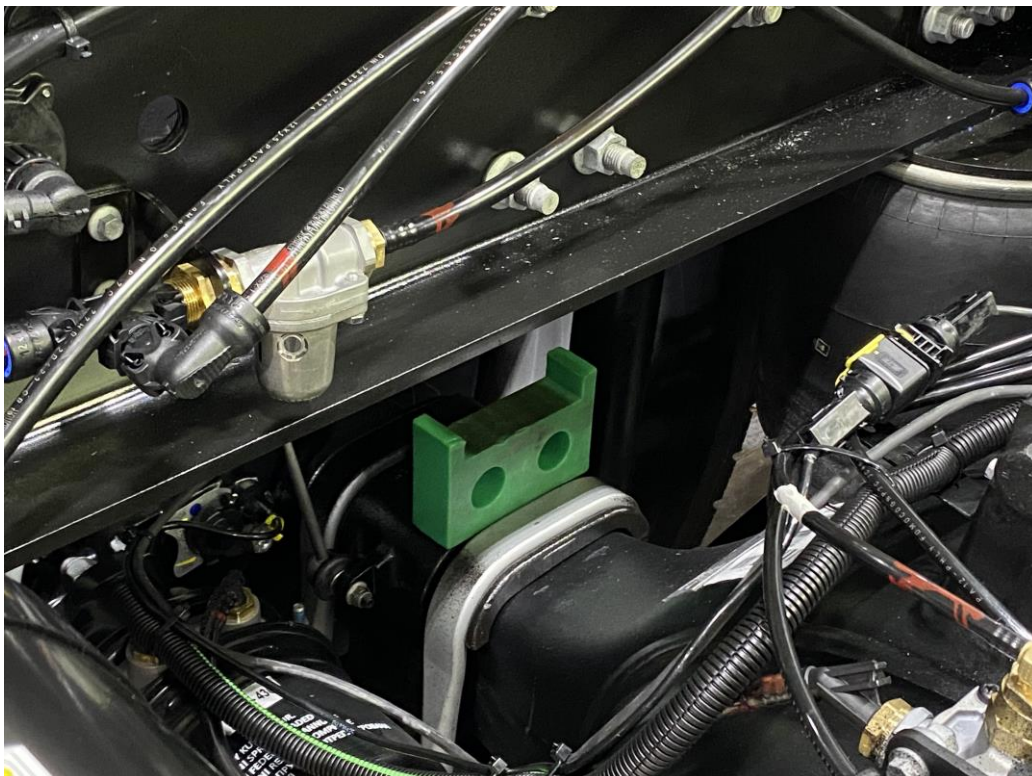
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### Rear Suspension Bellow (Front Side) Replacement

Remove fender.



Put into higher position for air bellows with ECAS and then put **calibration block** between right-left chassis and rear axle.



After placed **calibration block**, take lower position rear air bellows till frame and calibration block steady



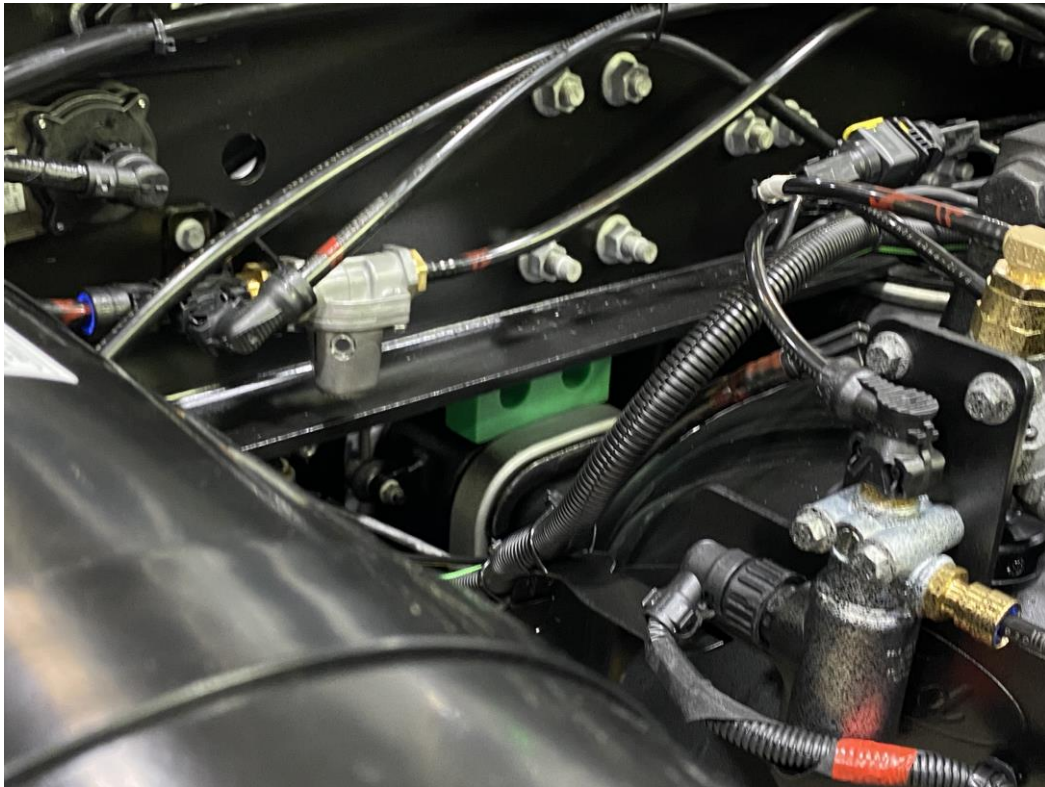
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Remove air connection of front C4AS suspension air bellow.



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Remove bracket bolts top side of front C4AS suspension air bellow.



Remove bottom bracket bolt and then remove front C4AS suspension air bellow

Install new front C4AS suspension air bellow (DC46 5580 CB)

Tighten top bracket bolt with 56 Nm torque and bottom bracket bolts with 220 Nm torque.





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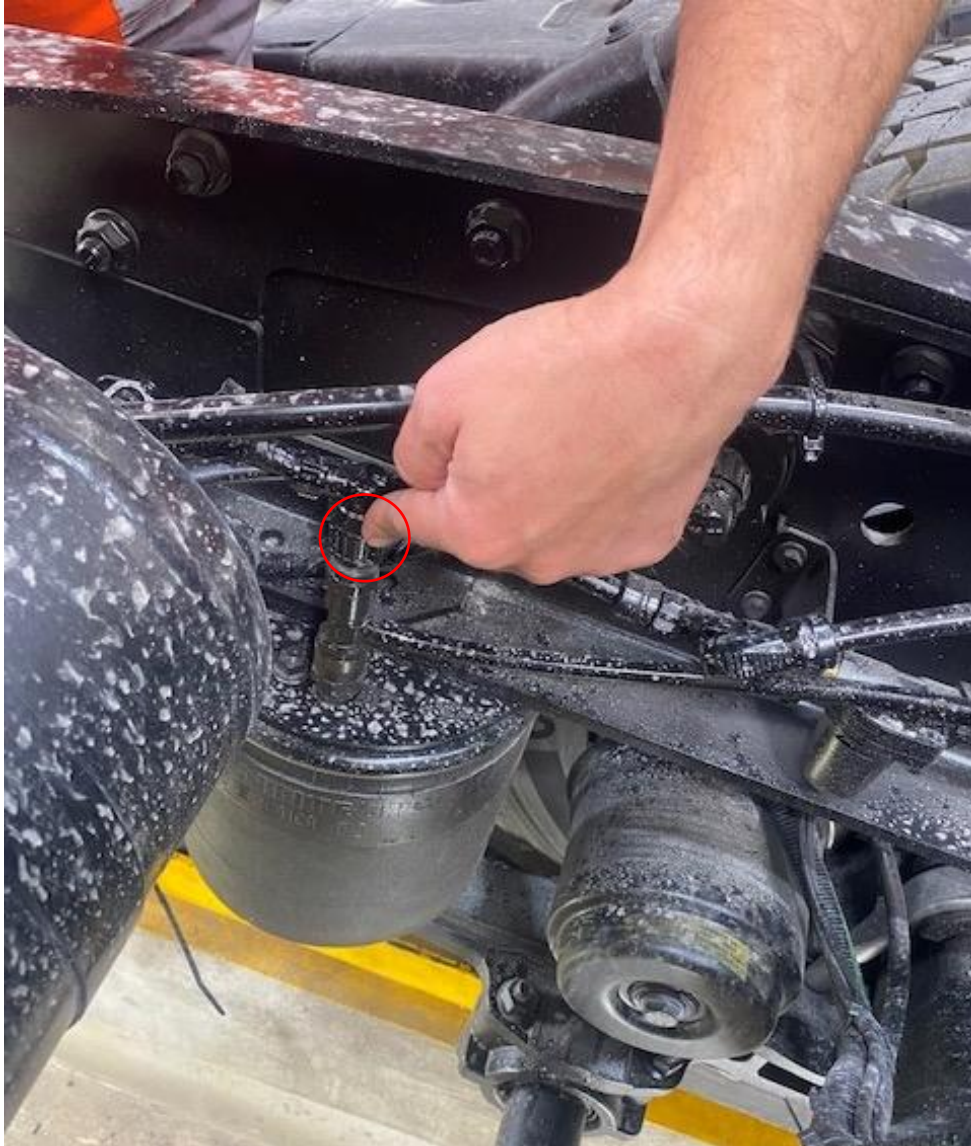
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### Rear Suspension Bellow (Rear Side) Replacement

Remove rear C4AS suspension air bellow's pressure sensor and connectors.



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Remove bracket bolts top side of rear C4AS suspension air bellow



Remove bottom bracket bolt and then remove rear C4AS suspension air bellow  
Install new rear C4AS suspension air bellow (DC46 5580 DB)  
Tighten top bracket bolts with 56 Nm torque and bottom bracket bolt with 220 Nm torque.



Install connector and pressure sensors one by one and be sure connector plugged correctly.  
After replacement, C4AS suspension air bellows have to be controlled with max and low driving levels and be sure of an air connection leakage.

Ford Trucks Service Engineering  
Ford Otosan A.Ş