TECHNICAL SERVICE BULLETIN No. 05/2021   10/09/2021

Heavy Commercial Vehicles

Information to be circulated to:	Service Manager	Warranty Manager	Parts Manager	Master Technician	Service Consultant	BMIS
	✓	✓	✓	✓	✓	✓

Subject	Regarding to Engine Brake Level 1 and Level 2 Are Braking at Same Level issue
Variant	On Legacy 12.7 L Vehicles After 2016 Model Year
Summary	For the customers that bring their vehicle to workshop with the concern that there is no difference between the engine brake level 1 and level 2 and that using level 1 braking on an unloaded vehicle causes excessive braking force, check the engine software level and update the engine software level, if required.

Labour

Labour Code	Labour Name	Duration (hour)
29C005 B	ECU Update	0.3 hours

Important Note: Claims to be made for this operation shall be addressed to the **GC46 6C583 AA part no.**

General Info:

For the customers with the concern that the forces of the engine brake level 1 and level 2 are the same and that using level 1 braking on an unloaded vehicle causes excessive braking force;

1. Check the engine software level and take a photo of the software level read and attach this photo the job order. Continue with step 2 if the software level is between **i22** and **i30**.
2. Update the software level to the latest level and add photos of the engine software levels both before and after the operation to the job order.

The software levels that may cause a problem start as the following, and the software shall be updated for **all software levels specified to have a problem** between **i22** and **i30**.

Değerleri görüntülemek için <Modül Bilgisi Okuma> ya tıklayın.

Modül Bilgisi Okuma

Sistem Üreticisi Modül Donanım Numarası : EDC17CV41
Sistem Üreticisi Modül Donanım Versiyonu : C.11
Şasi numarası : NM0KCXTP6KJR94604
Araç Üreticisi Modül Yazılım Versiyonu : JC4612K532PAGB53-1355_580_v1_6_Ti1_13L_500PS_Eu6d_AMT_R09.3
Motor Kodu : JK08001
Programlanma Tarihi :

Example: P1355_3F0_v11_9_**i22**_13L_***.hex

The software that shall cause no problem are **i31 and above**

Regards,
Ford Trucks Service Engineering,