

**Mack Models**

Mack Model	CHU - Pinnacle, Axle back , CXU - Pinnacle, Axle front , GU - Granite
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Engine family

Engine family	MP7 , MP8 , MP10
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Emission Standard

Emission Standard	US10+OBD13 , US14+OBD13 , US14+OBD15 , US14+OBD16
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**** SOLUTION ****

Title	Mack Chassis - Pinnacle (CHU,CXU), Granite (GU) With Mack Engine ONLY - Power Take Off (PTO) Engine Speed Control Inoperative; Engine Speed Does Not Ramp When PTO Is Activated - Model Year 2014 And Newer
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Cause	A parameter setting may disable the ability for the Engine Control Module (EMS) from adjusting speed during PTO activation.
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Solution	On certain Conventional Mack chassis that experience inoperative PTO engine speed control perform Accessory Kit - 85149413 - then program the VECU / MID144. 1. Run Operation 1700-22-03-06 Accessory Kit, located in the Program tab of Premium Tech Tool 2. In the Accessory Kit number entry field, enter 85149413. 3. Click Program 4. Allow the operation to complete and click Exit. 5. Check PTO function.
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Internal comments (BO)	Level 2 parameter COR = 0 missing (This applies to Mack Trucks conventional chassis only).
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Solution visibility	Dealer distribution
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Function(s)/component(s) affected

Function affected	transmission , CV electronic control unit , 1 1 0 EMS , EECU , MID 128 – EMS , MID 144 – VECU , VECU , engagement , engine , PTO
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Function Group

Function Group	365 entire vehicle control system , 481 power-take off (gearbox)
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Customer effect

Main customer effect	calibration/programming/pairing/missing operation , diagnostics/methodology
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Conditions

Vehicle operating mode	when activating , when de-activating , when stationary , engagement , during disengagement , during engagement , with a PTO
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Frequency of occurrence of problem	always
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Administration

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Last modified by	RU4469V
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Creation date	30-03-2016 20:03
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Date of last update	21-01-2019 15:01
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Status	Published
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