

Olson, Jim

From: Hegstrom, Jeff
Sent: Thursday, December 16, 2021 9:48 AM
To: Brian Plawewski
Subject: Chassis Programming Required
Attachments: Detroit_Fix.zip

Importance: High

Hello Brian,

We have three TM125's we built for Ring Power. (DK74098, DK74099 & DK74100) Our installation engineering has discovered an update is required to the chassis controller and chassis programming. I'm uncertain who this should go to on your end. Can you help direct please?

The purpose and process to correct this is attached and below:

Purpose:	To put the truck into "PTO mode" while our PTO is engaged. On Detroit Diesels it's important for it to be done correctly.
Why:	The engine will de-rate with a long continuous use. In a Severe de-rate the engine will shut-off on its own.
How	This is a 2 step process. Program Engine and Program the chassis controller 1. To program the engine, you need Detroit Diesel Diagnostic Link. This is a subscription based software. Dealers will have this software... Ring Power may have this software???



The Parameters to enable are :

Under "PTO" → inputs

2 09 DI Selection – j1939 PTO

Enable PTO control via TSC1- enabled

Configuration PTO Speed Control- Cab/remote PTO control if In neutral

Under "all parameters"

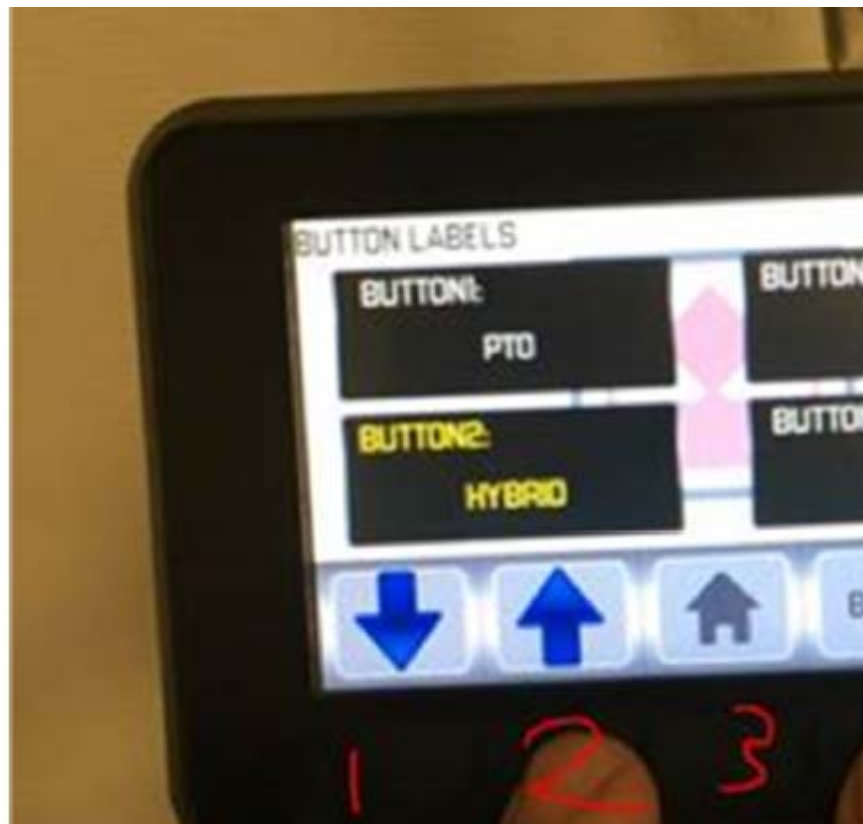
PTO source address SAE j1939- 231
TSC1 source address SAE j1939- 231

2. Program the Chassis controller

This requires putting the "S19" file on to the controller. (attached in email.... It will ha

▼ ↺ 🔍 Search Detroit_Fix		
Name	Type	Compressed size
 Detroit_Fix.s19	S19 File	1,6

To load the program. Put the s19 file onto an empty flash drive (Most trucks have a f
On the harness going to the back of the switch panel there's a lead that has a female
normally will terminate this behind the cubby-hole in the headliner.
To get the program to load, plug the USB drive into the 18" lead that comes off of the
initiate the program to load. Key off(for at least 1 minute), USB drive plugged in, hold
simultaneously as you key back on.
The screen will prompt you " Would you like to update the application" Select "yes".
program is loaded the screen will return to normal.



How do we know it's fixed?

This program is set up to auto configure, Which means it automatically sends the corn

Enabling just the Detroit will make the Check Engine Light come ON.

Loading the chassis controller programming will make the Check Engine light go OFF.

Another Test. Put the truck at 2 Speed RPM and turn ON the Engine Brake.

If the truck throttles gallop (race up and down) , it's NOT fixed.

If the truck throttles is steady, it's good.

END

Happy Holidays,

Jeff Hegstrom

Product Support Manager

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Olson, Jim

From: Hegstrom, Jeff
Sent: Thursday, December 16, 2021 9:57 AM
To: Terry Gafford
Subject: Chassis Programming Required
Attachments: Detroit_Fix.zip

Importance: High

Good Morning Terry,

I'm hoping you can help direct this email to the appropriate person(s).

We have a TM125's we built for CTOS. (DK75851) Our installation engineering has discovered an update is required to the chassis controller and chassis programming.

I'm uncertain who this should go to on your end. Can you help direct please?

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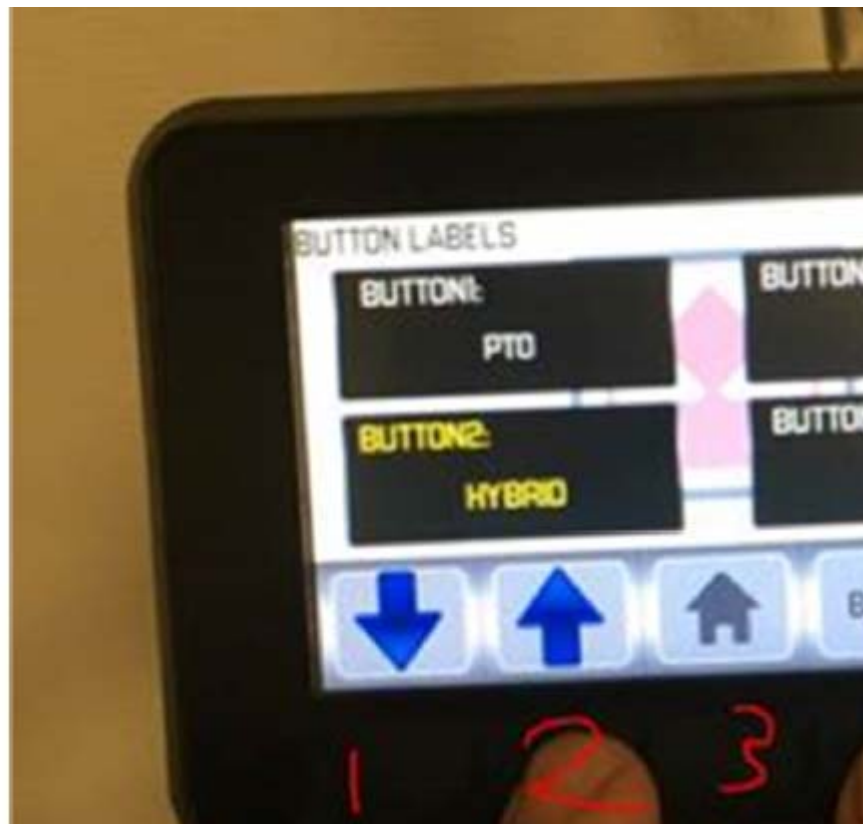
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TSC1 source address SAE j1939- 231

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Happy Holidays,

Jeff Hegstrom

Product Support Manager

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