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Coding Information

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Title: S13/T14 Integrated Powertrain PTO Parameter Configuration

Applies To: S13 Integrated Powertrain PTO, LT, RH, HX

Change Log

Please refer to the change log text box below for recent changes to this article:

7/10/2024 - Added information regarding aftermarket parts
7/2/2024 - Corrected a Part number for 13HAY feature
5/1/2024 - Added HX model to document
4/18/2024 - Corrected Flange Kit part numbers in the table
3/22/2024 - Updated with part numbers and LT/RH Service Manual link
3/18/2024 - Initial Article Release.

Description

This article will provide the necessary resources to set up PTO functionality parameters on the S13/T14 Integrated Powertrain, primarily if PTO is installed after production.

Symptoms

Diagnostic Trouble Codes & Dashboard Indicator Lights:

DTC/Light	Description
No Faults or Warning Lights	

Customer Observations or Concerns:

- PTO Functionality

Special Tools / Software

Tool Description	Tool Number	Comments	Instructions
SDS			
DLB			

Parts Required (Select as needed for application)

Part Number	Description	Feature Code
2524512C92	KIT, T14 POWER TAKE OFF, RETROFIT, INSTALL KIT (one required per retrofit)	Service Only
	Select the proper PTO with ratio(s) needed from below for application	
2524517C91	KIT, T14 SINGLE POWER TAKE OFF 1.51- 1.95	13HAX
2524518C91	KIT, T14 SINGLE POWER TAKE OFF 1.61- 2.07	13HAY
2524519C91	KIT, T14 SINGLE POWER TAKE OFF 1.19- 1.53	13HAV
2524520C91	KIT, T14 DUAL POWER TAKE OFF 1.39- 1.79	13HAW
2524521C91	KIT, T14 DUAL POWER TAKE OFF 1.51- 1.95	13HAX
2524522C91	KIT, T14 DUAL POWER TAKE OFF 1.61- 2.07	13HAY
2524523C91	KIT, T14 SINGLE POWER TAKE OFF 1.09- 1.40	13HAU
2524524C91	KIT, T14 SINGLE POWER TAKE OFF 1.19- 1.53	13HAV
2524525C91	KIT, T14 SINGLE POWER TAKE OFF 1.39- 1.79	13HAW
	Select one or two flange kits as needed from below	
2524532C91	KIT, SAE 1310 FLANGE KIT (QTY 1 OR 2 AS NEEDED)	13HBG/13HBR

2524533C91	KIT, SAE 1410 FLANGE KIT (QTY 1 OR 2 AS NEEDED)	13HBH/13HBS
	Select one or two switches as needed from below	
4102418C1	SWITCH, MULTIPLEX, POWER TAKE-OFF (PTO)	
4102438C1	SWITCH, MULTIPLEX, POWER TAKE-OFF (PTO) 1	
4102439C1	SWITCH, MULTIPLEX, POWER TAKE-OFF (PTO) 2	

Available Resources

Refer to the attached Body Controller integration document below for proper parameter settings regarding S13/T14 Integrated Powertrain PTO

- [DLB Body Controller Integration Guide](#)

Refer to the attached document below for ECM and TCM parameter settings for proper S13/T14 Integrated Powertrain PTO functionality

- [ECM and TCM PTO Parameter Guide](#)

Refer to the attached document below for LT/RH S13/T14 Integrated Powertrain Service Procedures

- [Model Year 2024 to Current International LT / RH Technician Manual](#)

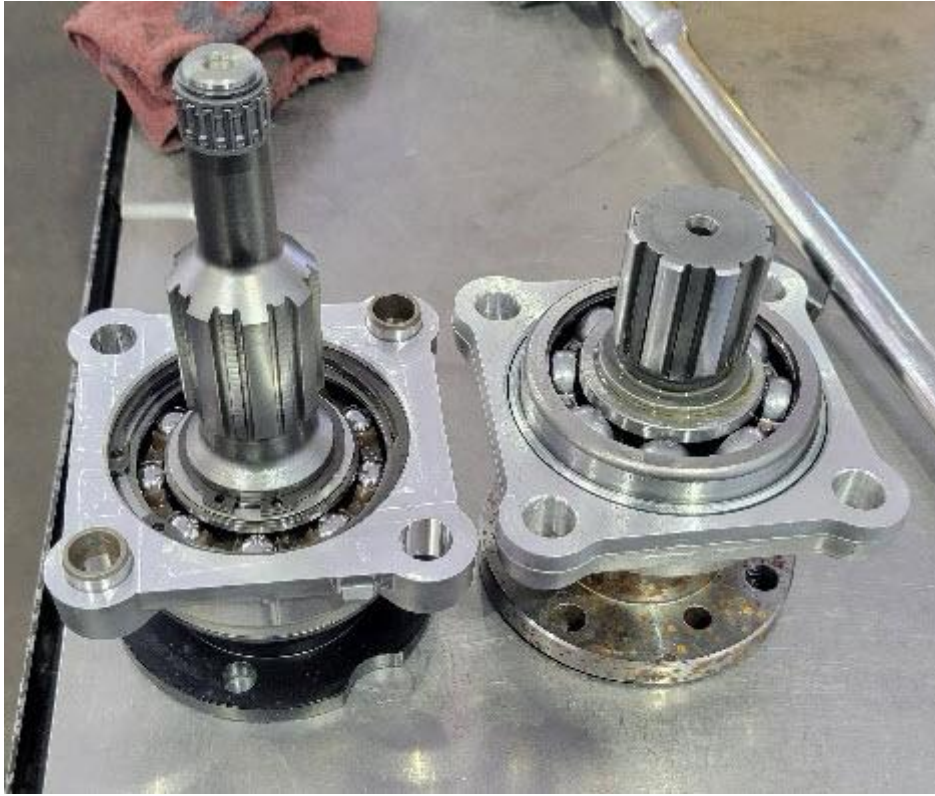
Additional Information

Using aftermarket parts

Bezares vs International 1310/1410 Adaptors

Currently, Bezares offers 1310/1410 Adaptors for the T14 PTO which runs the risk of developing a leak due to excessive play, it is recommended to use the International adaptor instead. Reference the picture below; the International adaptor offers a stub shaft for better stabilization and fitment of the adapter.

International Adaptor (Left) vs Bezares Adaptor (Right)



Warranty Information

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

Other Resources

[Master Service Information Site](#)

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