

SIL 08-EP-21
August 24, 2021
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SUBJECT: H 40/50 EP™ Input Damper and Damper Hub Part Changes

MODELS AFFECTED: H 40/50 EP™ Drive Unit

SERIAL NUMBERS AFFECTED: Beginning with S/N 7110010119

Introduction:

Beginning with S/N 7110010119 built on June 30, 2021, Allison Transmission, Inc. has changed the design of the input damper and damper hub for the H 40/50 EP™ Drive Unit. Both the input damper and damper hub have changed from 46 to 48 splines (refer to [Figure 1](#) and [Figure 2](#)).

Service and Compatibility:

Given the spline count change on both parts, the former and current parts are not compatible. The former 46-spline input damper has been canceled and will be serviced by the current 48-spline input damper after remaining 46-spline input damper stock is used. The current 48-spline input damper is now available for service.

The former 46-spline damper hub has been canceled and will be serviced by the current 48-spline damper hub after remaining 46-spline damper hub stock is used. The current 48-spline damper hub is now available for service.

If ordering a current 48-spline input damper or damper hub, the correct corresponding part must also be ordered. Refer to [Table 1](#) for part numbers.

Table 1. Input Damper & Damper Hub Part Numbers

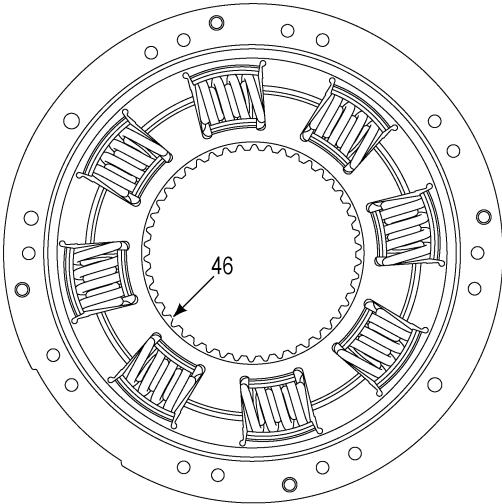
Version	Description	Part Number	Quantity
Former 46 Spline	Input Damper	29552650	1
	Damper Hub	29538797	1
Current 48 Spline	Input Damper	29564927	1
	Damper Hub	29564928	1

ML / SL8861EN

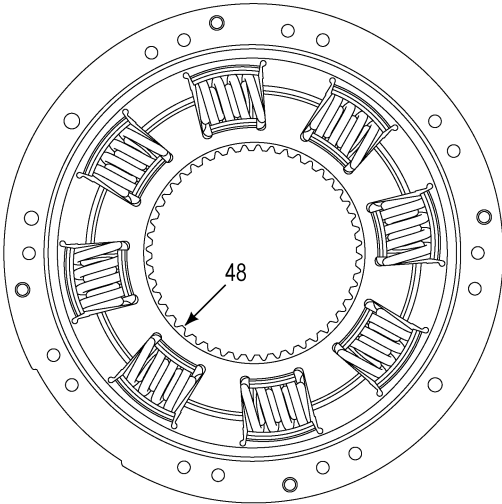
5519855

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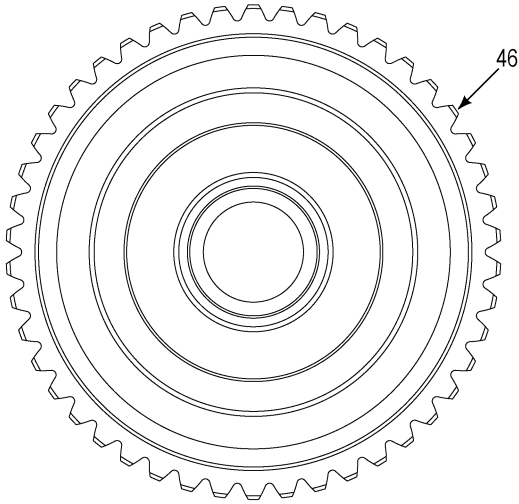
FORMER
(P/N 29552650)



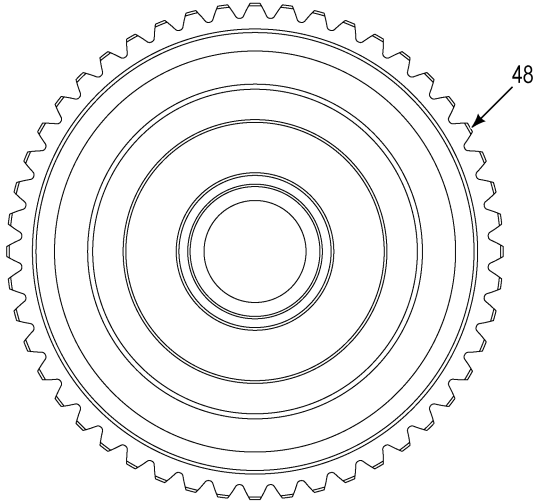
CURRENT
(P/N 29564927)

5524385

Figure 1. Input Damper (Former and Current)



FORMER
(P/N 29538797)



CURRENT
(P/N 29564928)

5524405

Figure 2. Damper Hub (Former and Current)