

SIL 10-WT-23
April 02, 2025
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SUBJECT: M-Point Flexplate Bolt — PACCAR MX11 and MX13

MODELS AFFECTED: 4000 Series™ Transmissions

Introduction:

In April 2025, OEMs using PACCAR MX11 and MX13 engines will begin using a new configuration bolt to fasten flexplates to the 4000 Series transmission flexplate adapter. This change is made only to facilitate ease of installation in the OEM factory.

The current bolt is slightly longer in length from the flange to the bolt end. The current bolt is visibly distinguishable by its unthreaded end – refer to [Figure 1](#). The additional length necessitated a change to the depth of the tapped hole in the corresponding flexplate adapter for clearance – refer to [Figure 2](#). Due to a potential interference between the current bolt and the former flexplate adapter (refer to [Table 1](#)), and because the former bolt services both flexplate adapters, the current bolt will not be available for service. The former bolt will continue to be available as a service part servicing the former and current configurations. Installation method and installation torque are unchanged. Do not mix current and former bolt part numbers in the same assembly.

Installation Drawings in Allison Tech Data are AS04-508C (MX11 with 4000 Series) and AS04-536A (MX13 with 4000 Series). These revised engine adaptation drawings now include the current flexplate adapter (P/N 29571437), while showing the M-point flexplate adapter bolt (P/N 29571438) as "optional". Both drawings also reference the original flexplate adapter bolt (P/N 11505232) and unchanged torque requirements for either bolt design.

Forward/Backward Compatibility:

Table 1.

			Flexplate Adapter Bolt	
			Former (Standard)	Current (M-Point)
		Part Number	11505232	29571438
Transmission Flexplate Adapter	Former	29545926	compatible	incompatible
	Current	29571437	compatible	compatible

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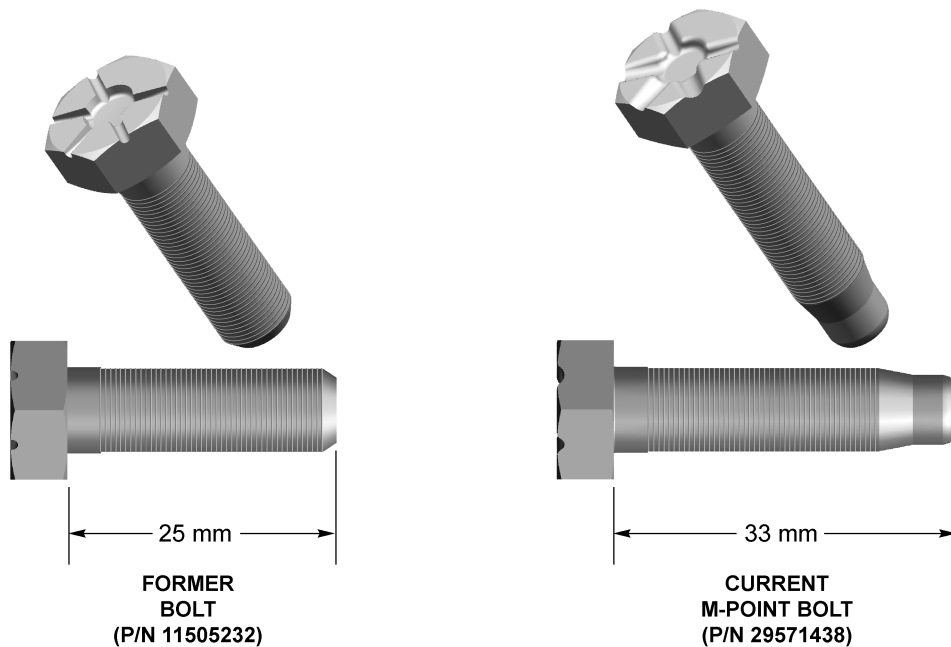
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Part Serviceability:

Table 2.

		Part Number	Service Status
Transmission Flexplate Adapter	Former	29545926	Completely Cancelled: Service with 29571437
	Current	29571437	Current flexplate adapter 29571437 should be used to service 29571437 or 29545926 flexplate adapters.
Flexplate Adapter Bolt	Former	11505232	Former bolt 11505232 should be used to service 11505232 or 29571438 bolts.
	Current	29571438	Only Available To Authorized OEMs & Distributor Managed OEMs: Service with 11505232



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Figure 1. Flexplate Adapter Bolt Comparison

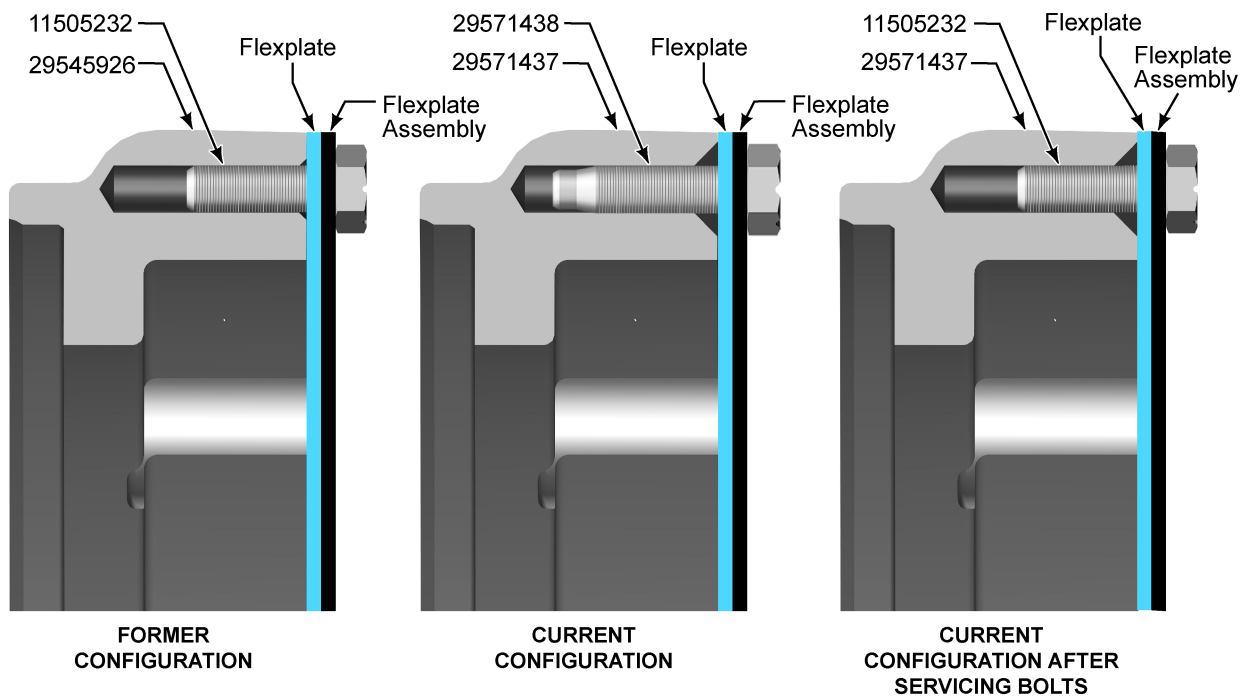


Figure 2. Acceptable Configurations