SUBJECT: Release of New Drive Unit Internal Harness P/N and Connector Material

MODELS AFFECTED: H 40/50 EP™

Introduction:

Effective May 2019, a change to the internal harness bulkhead connector material has required a part number change and a change to the nut torque requirement. Effective with drive unit S/N 7110009654, the new internal harness part number is P/N 29561640. Changing the material of the bulkhead connector from composite plastic to anodized aluminum represents the only difference to the harness. The nut installation torque has changed to 39 - 42 N-m (28.7 - 30.9 ft lbs).

Table 1. Connector Data

Former				Current			
Material	Serial Number	Part Number	Install Torque	Material	Serial Number	Part Number	Install Torque
Composite Plastic	7110007983-7110009653	29556921	15.5 - 18.5 N-m (11.4 - 13.6 ft lbs)	Anodized Aluminum	starting with 7110009654	29561640	39 - 42 N-m (28.7 - 30.9 ft lbs)

NOTE: A previous *SIL 27-EP-14* announced a change from anodized aluminum to composite plastic connectors. This new SIL effectively reverses that change, returning back to anodized aluminum connectors.

NOTE: It is important that the proper nut torque be used with the corresponding part number harness connector. There are three ways to identify the harness connector material change.

1. Drive Unit Serial Number Break
2. Internal Harness Part Number Change
3. 31-Way Connector Continuity

NOTE: Figure 1 demonstrates the 3rd method of identifying the difference between the connector material.

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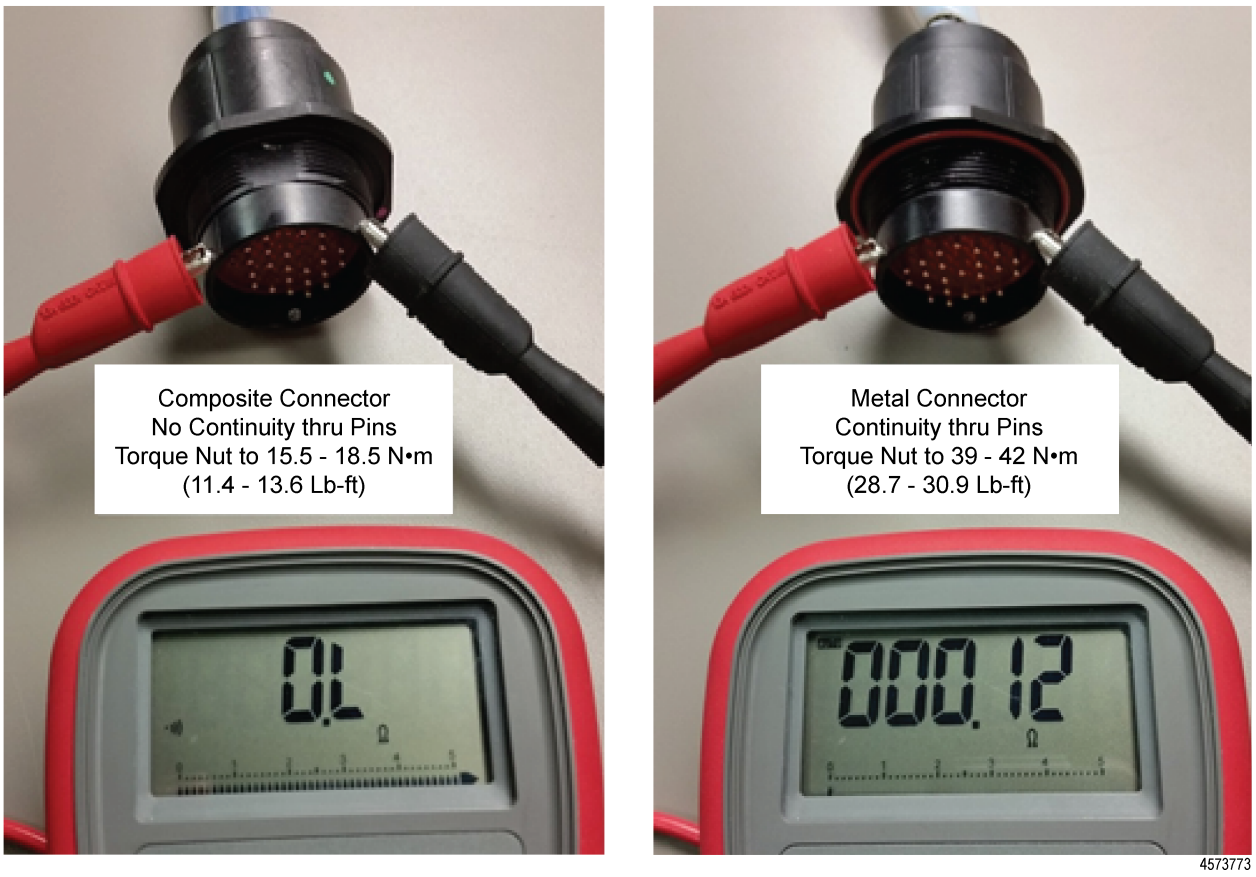


Figure 1. Former and Current Connectors

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