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Coding Information

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Title: MaxxFORCE 11/13 FEPTO (Front Engine Power Take Off) Mounting Adapter Sizing

Applies To: MaxxFORCE 11/13 utilizing a Front Engine Mounted PTO (FEPTO) information has been relatively limited, because installations are generally done at body builders. Adaptor plate 3003405C1 (C2) is installed at the engine plant. In certain instances on other engines, the truck plant or other engine manufacturer may install a similar plate. Examples of flanges that work with the MaxxFORCE 11/13 engine include the following: Spicer trunion flange 1280, 1310, and 1350. Example part numbers include 646516R1 and 153179R1.

DESCRIPTION

Front Engine PTO adapter(FEPTO) used with MaxxFORCE 11/13 has a 72mm inside diameter machined into the adapter. This dimension is larger than the mating trunion flange lip supplied by most manufacturers.

SYMPTOMS

- PTO Flange lip appears to be undersized when setting the flange against the PTO Adapter leaving a gap between the inside diameter of the PTO adapter and the flange

PARTS INFORMATION

Part Number	Description	Qty.
3003405C1, 3003405C2	PTO Adapter	1

RESOLUTION

When Installing a front mounted PTO it is not necessary to have an alignment fit between the FEPTO Adapter and the mating trunion flange. The four 7/16" bolts used to secure the flange to the PTO adapter are adequate to align and secure the flange once installed.

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