

**FM100 Float Module**  
**GEAR PULLER TOOL (MD #304800)**  
**INSTRUCTIONS**

The Gear Puller Tool (MD #304800) is designed to assist Dealers with installing the Gearset 89/36 kit (B6191) or Gearset 97/28 kit (B6192) on the FM100 Float Module. This document explains how to use the tool.

A list of parts included in the kit is provided.

**NOTE:** Keep your MacDon publications up-to-date. The most current version of this instruction can be downloaded from our Dealer-only site (<https://portal.macdon.com>) (login required).

**NOTE:** This instruction is available in English only.

**Conventions**

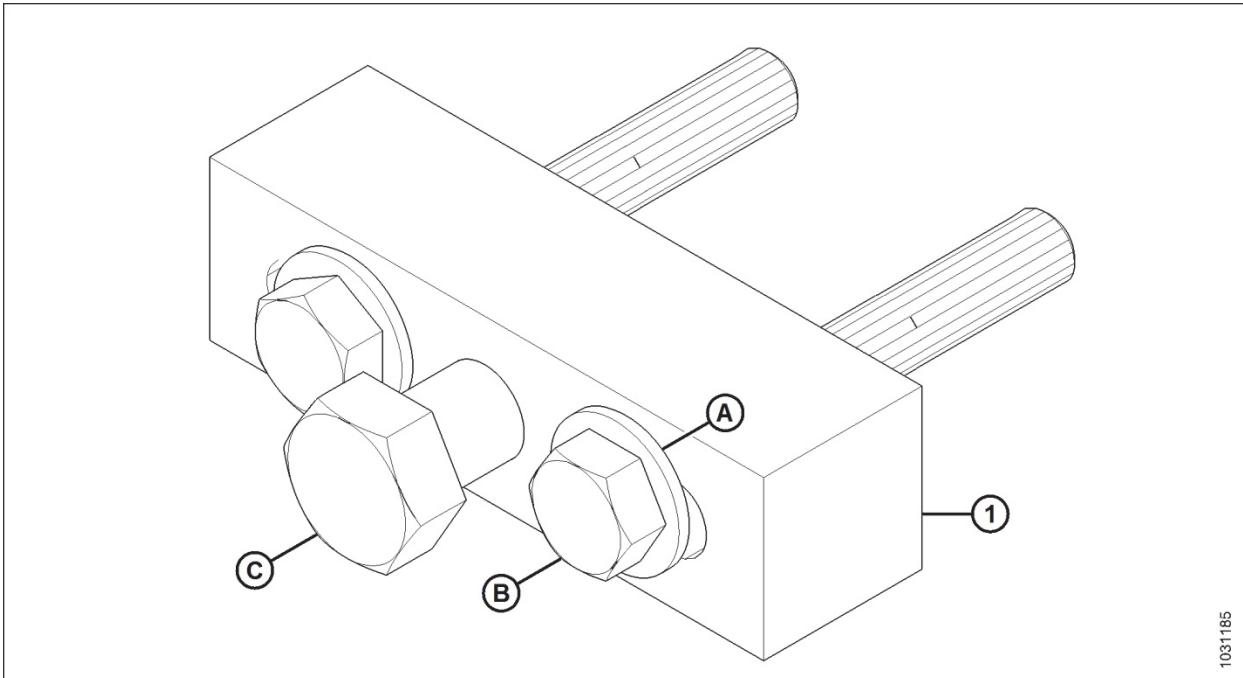
The following conventions are used in this document:

- Right and left are determined from the operator's position. The front of the header is the side that faces the crop; the back of the header is the side that connects to the combine.
- Unless otherwise noted, use the standard torque values provided in the header operator's manual and technical manual.

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**Parts List**

This kit includes the following parts:



**Figure 1: Parts Included in Kit**

Ref	Part Number	Description	Quantity
1	NSS <sup>1</sup>	BAR	1
A	18598	WASHER – SAE FLAT 13/32 ID X 13/16 IN OD ZP	2
B	30035	BOLT – HEX HD 3/8-16 X2 .75 GR5-AA1J	2
C	50072	BOLT – HH 1/2 NC X 1.75 TFL GR 5 ZP	1

<sup>1</sup> Not sold separately

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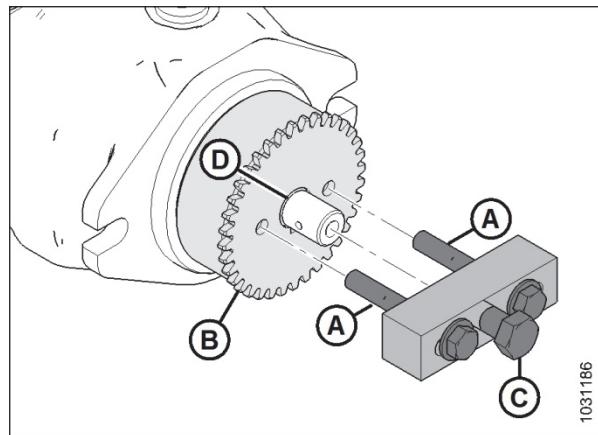


**DANGER**

To avoid bodily injury or death from unexpected start-up or fall of raised machine, always stop engine, remove key, and engage safety props before going under header for any reason.

To use the Gear Puller Tool (MD #304800), follow these steps:

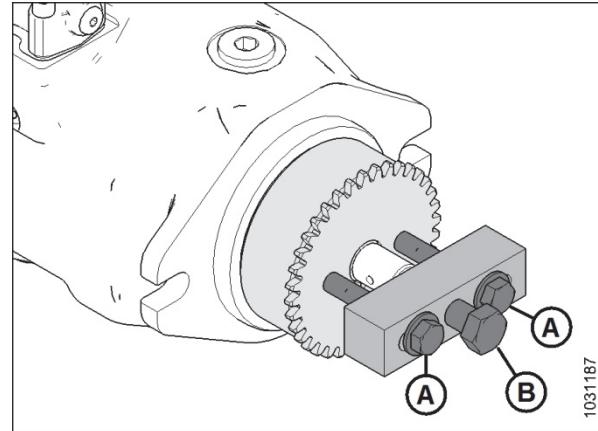
1. Remove cotter pin and castle nut from pump output shaft (D).
2. Line up outer bolts (A) on gear puller with holes in gear (B), and line up center 1/2 in. bolt (C) with output shaft (D).



**Figure 2: Gear Puller Tool**

3. Hand-tighten outer bolts (A) on gear puller, making sure the bolts go completely through the gear.
4. Tighten center 1/2 in. bolt (B) to remove gear from shaft. If the gear does not loosen, give the center bolt a tap with a hammer.

**NOTE:** The key may or may not come off with the gear. Do **NOT** lose the key.



**Figure 3: Gear Puller Tool**

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