

---

Wheel Horse Service Bulletins 1961 - 1990: **#217** Issued: February 1978  
**Driven Coupling Part 103029 - Model D-160, D-180 & D-200**

[Previous](#)   [Table of Contents](#)   [Next](#)

---

(All Except 1978 Models)

To All Dealers:

1. Problem

1.1 Failure of Driven Coupling, Part 103029.

2. Solution

2.1 Install S/A 105147 consisting of:

- 1 - Part 103029 Coupling
- 1 - Part 106641 Splined Washer
- 4 - Part 920008 Washers
- 1 - Part 106645 Mounting Bracket

3. Reimbursement

3.1 Operation Number 04216

3.2 Labor 2.0 Hours

Note: 1978 Model D-160 and D-200 tractors incorporate this Service Assembly

**INSTALLATION INSTRUCTIONS - S.A. 105147**

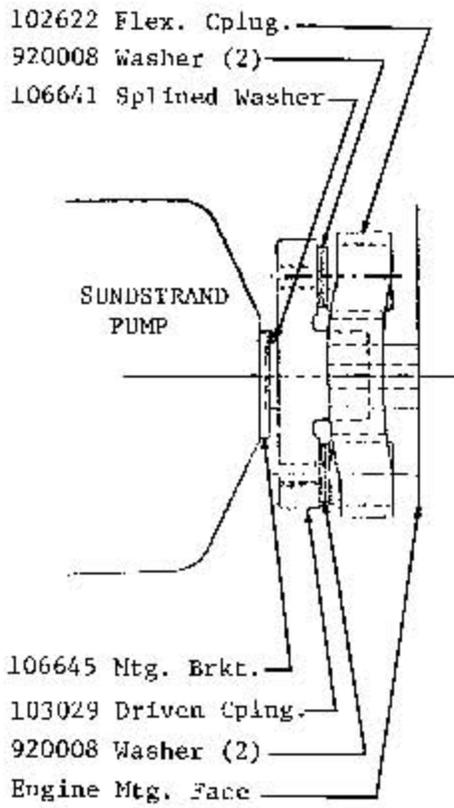


Fig. 1. Kohler Engine >



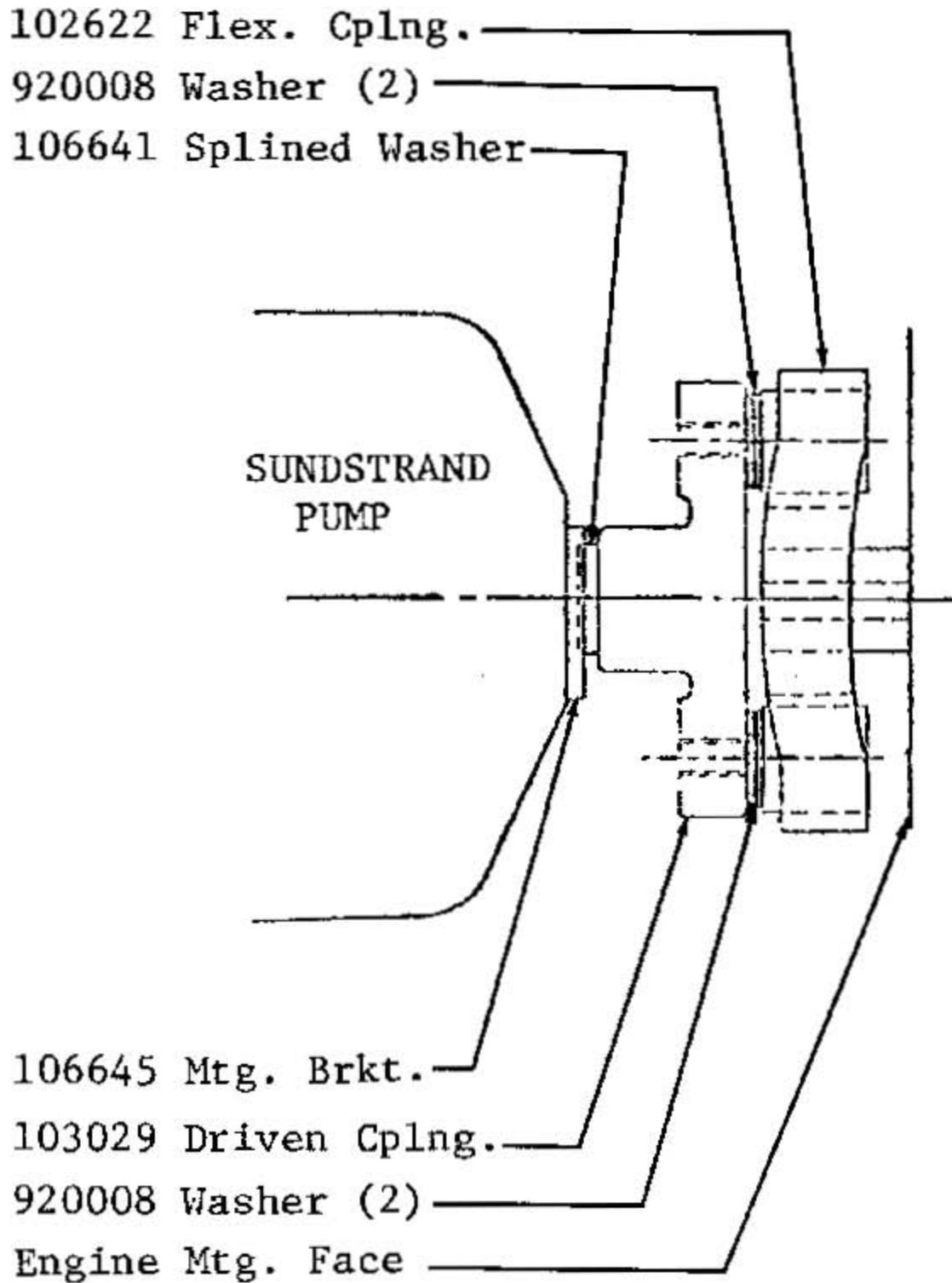


Fig. 2. Onan Engine

## **Installation Instructions**

### **Flexible Coupling Pre-Load Kit**

#### **Service Assembly 105147**

#### **For 1973 18HP Automatic and 1974-1977 D-Series**

#### **Automatic Tractors**

##### Description

This service assembly is to be used when the 103029 Splined driven coupling between the hydrostatic pump and the engine is being replaced. Installation of the parts contained in the kit pre-loads the flexible coupling, preventing excessive movement and subsequent wear of the driven coupling.

##### Installation

1. Remove attaching hardware and linkage and move the engine forward.
2. Remove the 102345 mounting plate from the front of the hydrostatic pump.
3. Install new mounting plate 106645.
4. Remove the driven Splined coupling and flexible coupling from the engine and disassemble.
5. Assemble the new 103029 driven coupling to the flexible coupling, placing two 920008 flat washers, supplied in kit, between the two parts at each bolt hole location (see Fig. 1 or 2 as applicable).
6. Reattach the drive coupling and flexible coupling to the engine.
7. Clean the pump shaft. Apply a coating of #2 multi-purpose lithium grease to the pump shaft and the splines of the driven coupling.
8. Slide the 106641 Splined washer, supplied in kit, on the pump shaft.
9. Move the engine rearward, engaging the 103029 driven coupling with the pump shaft.
10. Re-mount engine attaching hardware and linkage.

NOTE: Be sure when reinstalling engine that proper alignment is maintained between the engine and hydrostatic pump.