



This manual contains important warnings and information.
READ AND KEEP FOR REFERENCE.

INSTRUCTIONS

237-497 Conversion Kit

For 5:1 Ratio Fire-Ball® Pumps

This kit converts 5:1 Fire-Ball Pump, 203-876, to a single u-cup throat seal.

Installation

1. Remove and discard packing nut (A), flat packing (B), backup washer (C), female gland (D), V-packings (E), and male gland (F). See Fig. 1. Refer to Manual 306-518.

CAUTION

To avoid damage during installation, insert the seal at an angle as shown in Fig. 2, so that side A is below hole C. Press side B until the seal bottoms out.

2. Inspect and clean packing area, if necessary.
3. Install seal as shown in Fig. 2.
4. Install new packing nut (2). Thread down until it is tight. See Fig. 3. No additional adjustment is required.

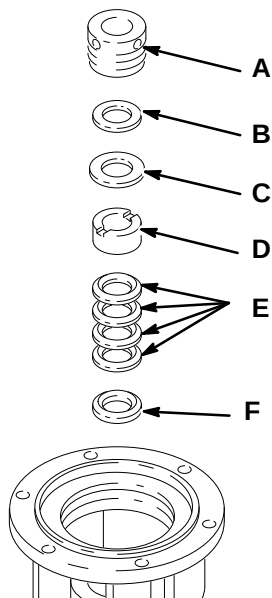


Fig. 1

04172

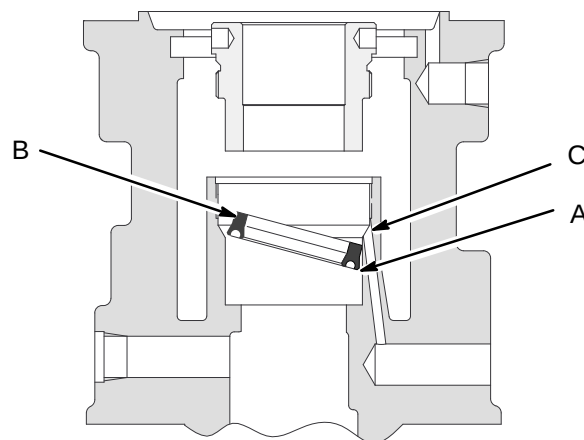


Fig. 2

Shows seal being installed.

04173

Parts

Ref. No.	Part No.	Description	Qty.
1	112-843	SEAL, polyurethane	1
2	190-024	NUT, packing	1

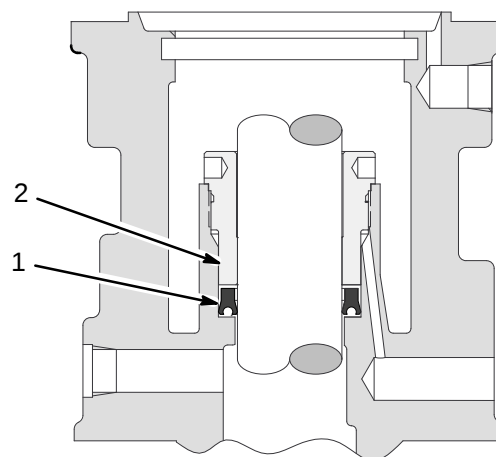


Fig. 3

Shows seal and nut installed.

04174

Sales Offices: Atlanta, Chicago, Dallas, Detroit, Los Angeles, Mt. Arlington (N.J.)
Foreign Offices: Canada; England; Korea; Switzerland; France; Germany; Hong Kong; Japan

GRACO INC. P.O. BOX 1441 MINNEAPOLIS, MN 55440-1441

COPYRIGHT 1994, GRACO INC.

PRINTED IN U.S.A. 308-482 September 1994, Revised August 1996