

SERVICE

SHOP DOPE

No. 363

December 15, 1955

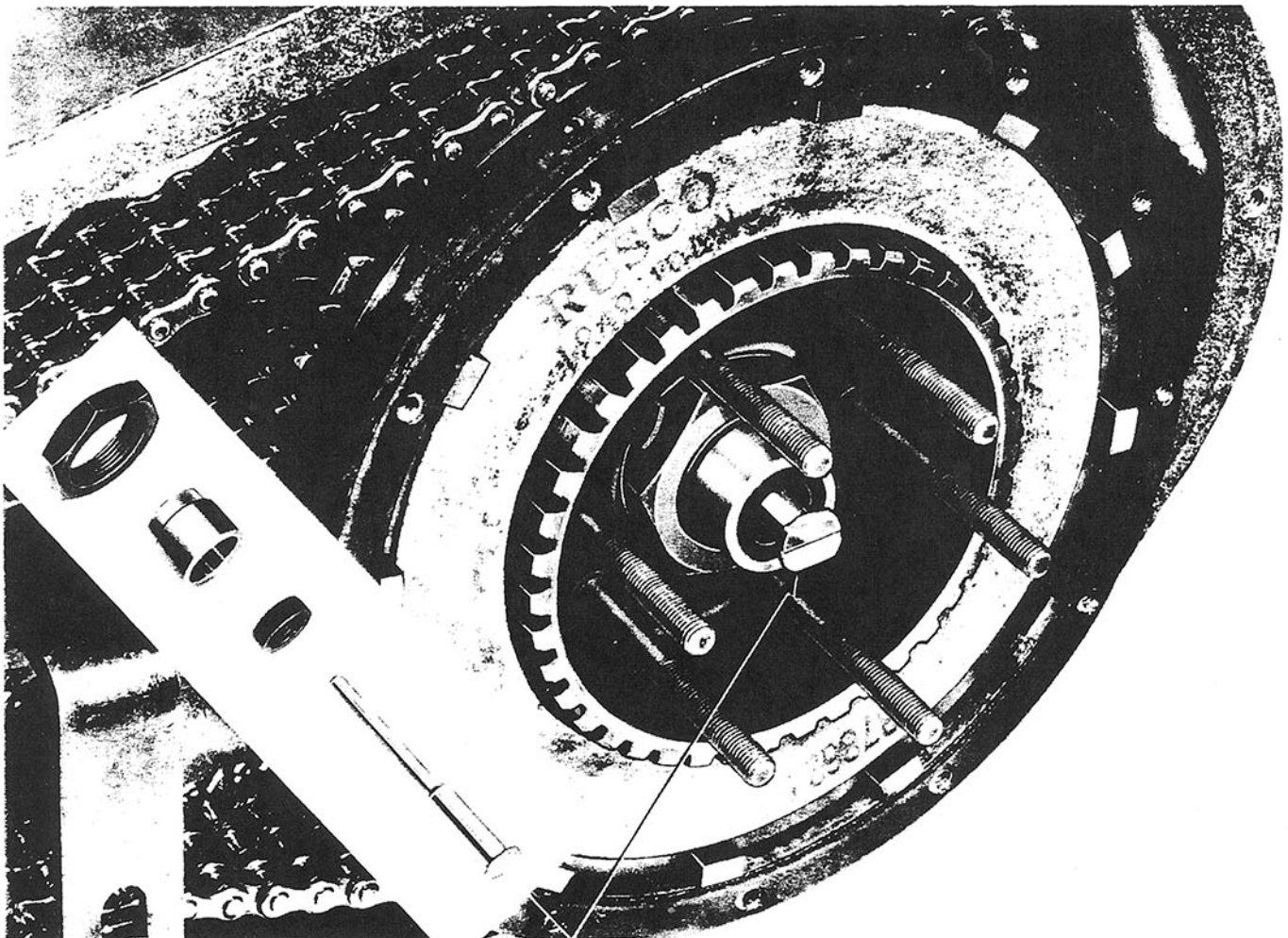
CLUTCH RELEASE ROD OIL SEAL - KH-KHK-KHRM (This information does not apply to K-KK-KRM Models)

A new and more effective method of sealing the clutch release rod went into production starting with engine No. 56KH1465. The new method uses a lip type seal in the clutch gear end which replaces the clutch hub nut type seal, part No. 37525-52.

This same seal can be used to change over 1954, 1955 and early 1956 KH Models below No. 56KH1465. It is supplied in the form of a kit, part No. 37465-56, since some of the parts are not interchangeable with the new production seal parts.

It is recommended that the new seal kit be installed in 1954, 1955 and early 1956 KH-KHK-KHRM Models at such time as the clutch is being serviced, particularly where the clutch has been slipping and oil is found in the clutch when disassembled.

The following illustration shows exploded and correctly assembled parts that make up the new seal design.

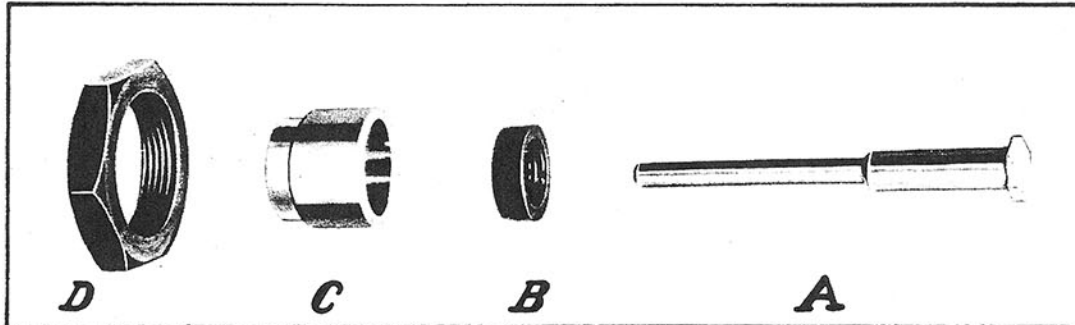


Clutch Release Rod Oil Seal

Clutch release rod oil seal kit, part No. 37465-56 is available now and can be ordered in the regular way. The price is \$1.90 list, which is a special, very low price. This special price offer terminates Dec. 31, 1956.

Parts replaced with kit, namely, hub nut, part No. 37525-52, and push rod end, part No. 37279-54 should not be returned to the factory, because they will not be accepted for credit or exchange for other new parts. If found in good condition, the old clutch hub nut can be used to service K-KK-KRM clutches, to which the new seal kit cannot be adapted.

Use the following list and illustration as a guide when reordering parts affected by the new seal design.



Part Name	KH Motorcycles Prior to No. 56KH1465 (Kit seal parts)	KH Motorcycles After No. 56KH1465 (Production seal parts)	Remarks
Clutch Release Rod (A)	37277-56	37279-56	Not Interchangeable
Oil Seal (B)	37531-56	37531-56	Interchangeable
Extension (C)	37539-56	(included in 37450-56 assembly)	Not Interchangeable
Clutch Hub Nut (D)	37526-56	37526-56	Interchangeable
Lockwasher	37533-52	37533-52	Interchangeable
Clutch Cover Gasket	37762-52	37762-52	Interchangeable
<p>Note above: Lockwasher is the same as used in the past, and is a spare in case it is needed. Clutch cover gasket is of a new and better sealing material.</p> <p>Note below: Motorcycles equipped with production seal also have new transmission mainshaft and clutch gear.</p>			
Transmission Mainshaft	35043-53A	35044-56	Not Interchangeable
Clutch gear	37450-54	37450-56	Not Interchangeable

Harley-Davidson, Inc. has given us permission to provide this document on our website for the sole purpose of helping us restore our motorcycles.

Harley-Davidson, Inc. retains copyright over these materials, and NO reproduction or other use of these materials is permitted without prior authorization from Harley-Davidson, Inc.

The **Old Sportster and K-model Research Group (OSKRG)** is a group of individuals who have spent years researching the minute differences in the parts, fit, finish, and configuration of the Harley-Davidson 1952-1956 K-Models, and (early) 1957-1969 Sportster models.

The results of our research is published on our website
www.harleyKmodel.com