SERVICE BULLETIN
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MODEL DUO-GLIDE
DEALER INFORMATION O
PRODUCT C

RAIL TYPE PISTON OIL RING FOR DUO-GLIDE MODEL

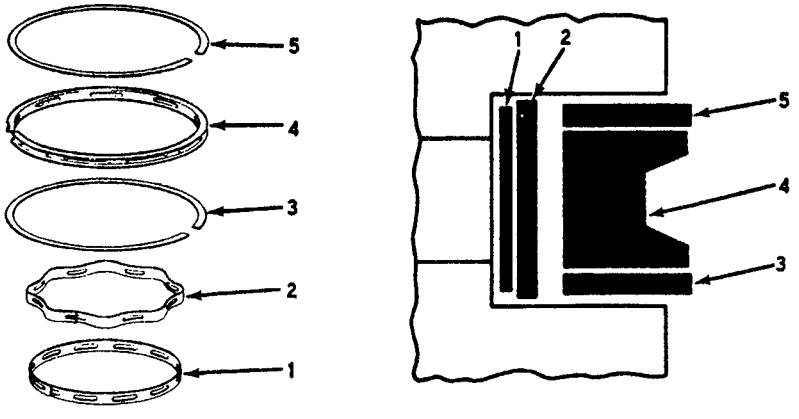
A new oil control ring is being used in the 74 OHV engine to replace the U-Flex type ring. All 1959 Duo-Glide Model FL or FLH engines bearing Engine No. 4138 and up, incorporate a new rail type oil ring assembly. This new ring will be the only one supplied on parts order when existing stock of U-Flex rings is used up.

The new ring consists of 2 steel rails, one spacer and one expander which are placed in the lowest piston ring groove as shown in the illustration below. Note that on .040, .050, .060 and .070 oversize pistons, a shim is added under the expander.

New part numbers have been assigned to the rail type oil control ring assemblies as shown in the following table. Note that two oversizes are listed for each U-Flex ring replaced. Order oil control ring assembly from the factory under part numbers shown in the table below.

NOTE

Order piston ring sets and piston assemblies under the same part numbers as you have in the past - these numbers have not changed.



Legend
(install in order shown)

1. Shim (if used)
2. Expander Spring
3. Rail
4. Spacer
5. Rail

OIL CONTROL RING ASSEMBLY		REPLACES U-FLEX RING	
OVERSIZE	NEW PART NO.	OLD PART NO.	OVERSIZE
STANDARD AND .005	22364-53A	22364-53	STD. TO .019
.010	22365-53A		
.020	22366-53A	22367-53	.020 TO .039
.030	22367-53A		
.040	22368-53A	22369-53	.040 TO .059
.050	22369-53A		
.060	22370-53A	22371-53	.060 TO .079
.070	22371-53A		

INSTALLATION INSTRUCTIONS

Use proper size rail type ring set to fit oversize to which cylinder was last rebored. Specified fit of oil control ring assembly is predetermined - do not file or sand rings to obtain specified end gaps or side clearance.

End gap of rails .013 to .033.
Ring assembly side clearance in groove .0035 to .008.

If not within specifications check to be sure you are using proper ring assembly for cylinder bore and piston size.

Dip parts in oil and install in piston lowest ring groove with ring tool, as shown in diagram. Stagger gaps of upper and lower rails 90° from gap in spacer. When shim is used behind expander spring, install with shim gap in line with expander gap.