

# service bulletin



No. 91-29

# Direct Charged Piston Assemblies with Half Keystone Rings 35 thru 150 (In-lines)

MARINER AND MERCURY 35 THRU 150 (IN-LINE) Piston assemblies with half keystone rings are now available as service replacements, on models listed. The half keystone ring design is more resistant to carbon sticking than the previous rectangular ring design. 6 (b

a - Three Rectangular Rings **Previous Piston Assembly**  IMPORTANT: Half keystone piston rings MUST BE installed dot side up.



b - Two Half Keystone Rings c - Dot Mark MUST Face Up



**New Piston Assembly** 

#### PISTON ASSEMBLY APPLICATION CHART

<u>New</u> Piston Assembly with 2 Half Keystone Piston Rings	<u>Previous</u> Piston Assembly with 3 Rectangular Piston Rings	
Standard Piston 774-9137A9 +0.015 in. Oversized Pis 774-9137A10 +0.030 in. Oversized Pis 774-9137A11	774-9095A1	Low Deflector 50 (3 Cyl.) 115 (I-6 Cyl.) 1980 and newer 140 & 150 (I-6 Cyl.)
Standard Piston 774-9137A12 +0.015 in. Oversized Pis 774-9137A13 +0.030 in. Oversized Pis 774-9137A14	776-8900A2	High Deflector 35, 40 (2 Cyl.) 402 60 (3 Cyl.) 70 (3 Cyl.) 75 (4 Cyl.) 80 (4 Cyl.) 85 (4 Cyl.) 90 (I-6 Cyl.) 1976 and up 115 (I-6 Cyl.) 1976-1979

NOTE: Piston assemblies include; piston, piston rings, piston pin and piston pin lock rings.

## Replacement Half Keystone Ring Sets (6 piston rings per set)

Part No.	Description	
39-817096A6	Piston Ring Set @ 6 (Standard)	
39-817096A16	Piston Ring Set @ 6 (+ 0.015 Oversize)	
39-817096A26	Piston Ring Set @ 6 (+ 0.030 Oversize)	

#### QUICKSILVER:

NOTE: Half keystone two ring pistons and rectangular three ring pistons may be intermixed in the same engine.

Piston assemblies with half keystone rings, will supersede the corresponding piston assembly with rectangular rings.

### **PRODUCT IMPROVEMENT:**

Piston assemblies with half keystone piston rings, are offered as a product improvement and are not covered by warranty to up-grade previous models.