



# service bulletin

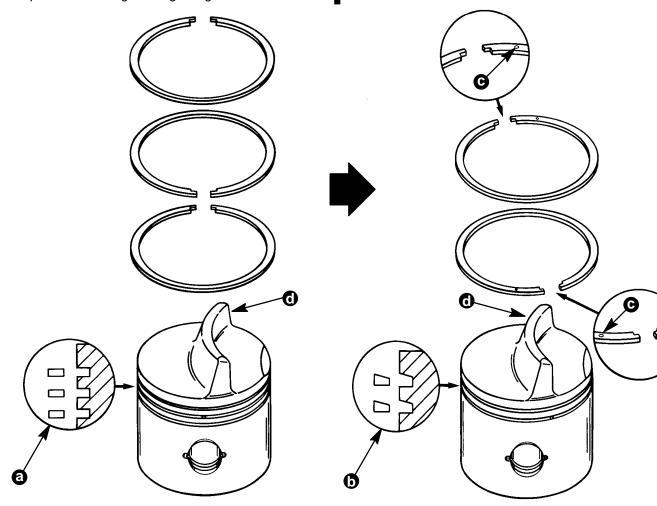
No. 91-29

## 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.

IMPORTANT: Half keystone piston rings MUST BE installed dot side up.



a - Three Rectangular Rings

**Previous Piston Assembly** 

b - Two Half Keystone Rings

c - Dot Mark MÚST Face Up

d - Piston Deflector

**New Piston Assembly** 

51490

#### PISTON ASSEMBLY APPLICATION CHART

New PistonPrevious PistonAssembly withAssembly with2 Half Keystone3 RectangularPiston RingsPiston Rings

 Standard Piston
 Low Deflector

 774-9137A9
 774-8600A3
 50 (3 Cyl.)

+0.015 in. Oversized Piston

774-9137A10 774-9095A1

+0.030 in. Oversized Piston

774-9137A11 774-9096A1

Standard Piston High Deflector

774-9137A12 776-8896A3 or 776-8899A3 35, 40 (2 Cyl.)

+0.015 in. Oversized Piston 402

774-9137A13 776-8900A2 60 (3 Cyl.) +0.030 in. Oversized Piston 75 (4 Cyl.)

774-9137A14 776-8898A2 80 (4 Cyl.) 85 (4 Cyl.)

90 (I-6 Cyl.) 1976 and up 115 (I-6 Cyl.) 1976-1979

115 (I-6 Cyl.) 1980 and newer

140 & 150 (I-6 Cyl.)

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

Piston Ring Set @ 6 (Standard)

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

### Part No. Description

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.

39-817096A6

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.