mercruiser
STERN DRIVES & INBOARDS

service bulletin

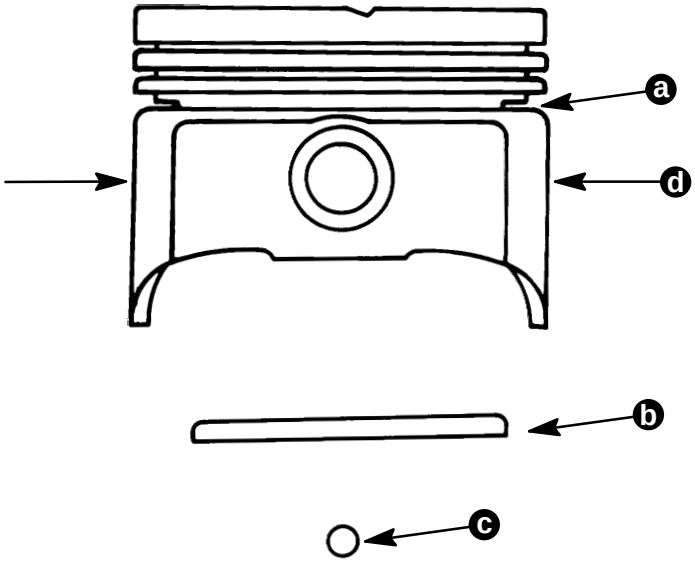
TO: SERVICE MANAGER ☐ TECHNICIANS ☐
PARTS MANAGER ☐

▲ = **Revised October 1993**

A. 224 CID (3.7L) PISTON IDENTIFICATION, TYPE AND CLEARANCE

▲ The four forged pistons, P/N 759-5920, -6610, -8312, and -806661, can be intermixed in an engine. They cannot be mixed with the cast pistons.

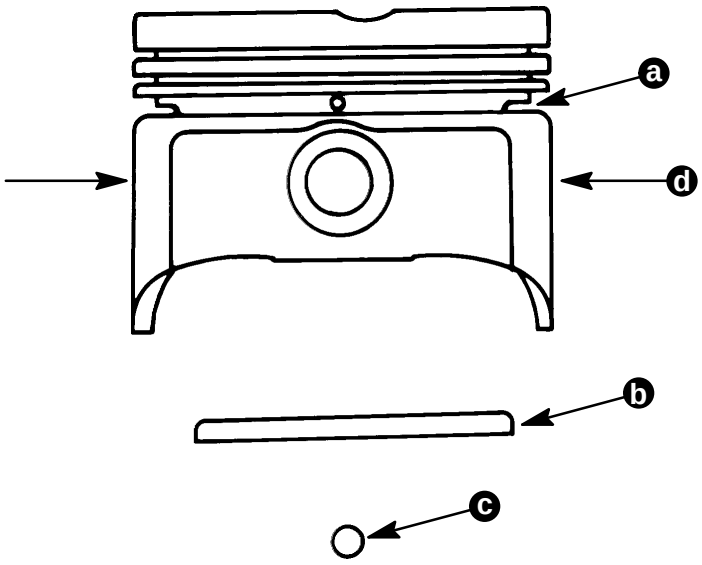
▲ The two cast pistons, P/N 778-9015 and -9441 cannot be intermixed with each other or with forged pistons because of a weight difference.



a - Oil Ring Groove
b - 2 Slots (In Oil Ring Groove)
c - 1 Hole (In Oil Ring Groove)
d - Measure Piston Diameter Here

759-5920 Forged Aluminum Piston
Clearance: .002-.0037 in. (0.05-0.09 mm)

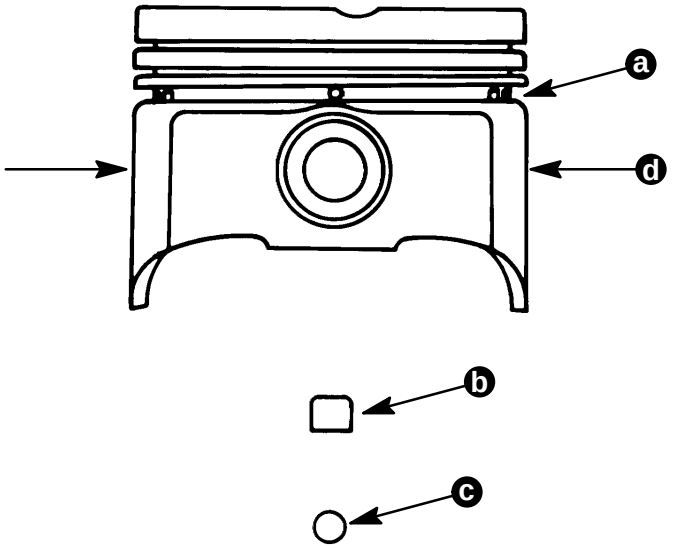
70108



a - Oil Ring Groove
b - 2 Slots (In Oil Ring Groove)
c - 2 Holes (In Oil Ring Groove)
d - Measure Piston Diameter Here

759-6610 Forged Aluminum Piston
Clearance: .002-.0037 in. (0.05-0.09 mm)

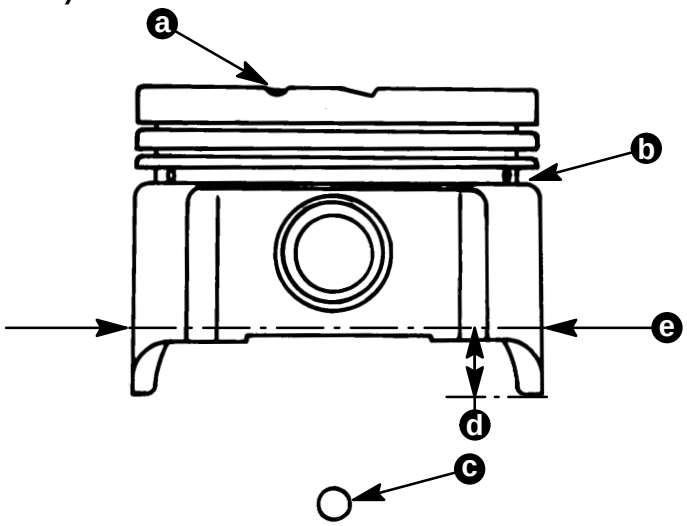
70109



a - Oil Ring Groove
b - 8 Square Holes (In Oil Ring Groove)
c - 2 Round Holes (In Oil Ring Groove)
d - Measure Piston Diameter Here

▲ **759-8312 or -806661 Forged Aluminum Piston**
Clearance: .004-.0057 in. (0.1-1.5 mm)

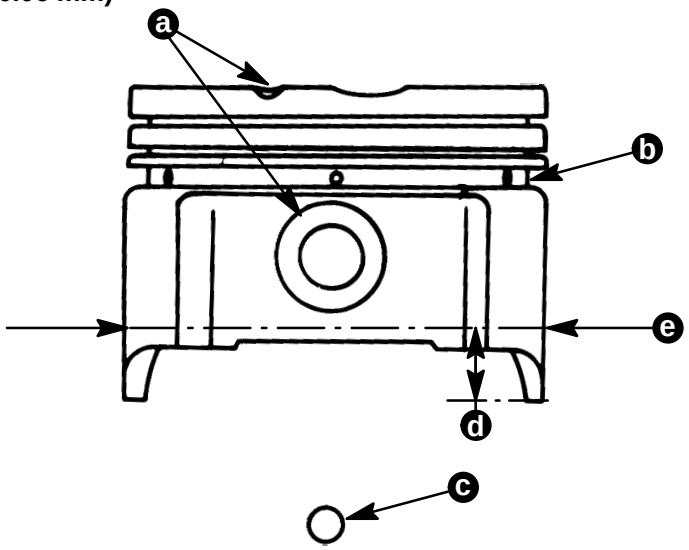
70110



a - Notch
b - Oil Ring Groove
c - 4 Holes (In Oil Ring Groove)
d - 13/16 in. (20 mm)
e - Measure Piston Diameter Here

778-9015 Cast Aluminum Piston
Clearance: .001-.0027 in. (0.03-0.06 mm)

70111



a - Larger Notch and Thicker Wrist Pin
b - Oil Ring Groove
c - 6 Holes (In Oil Ring Groove)
d - 13/16 in. (20 mm)
e - Measure Piston Diameter Here

778-9441 Cast Aluminum Piston
Clearance: .001-.0027 in. (0.03-0.06 mm)

70112