

FOR ALL FORD & MERCURY MODELS

RING SETS

'90' V8—4 Ring Sets (for Aluminum Pistons)

Part No. & Ring Type		Steel Section	Size
Expander			
01T-6149-J..... or	01TS-6149-A.....	Standard	
01T-6149-K.....	01TS-6149-B.....	.020" Oversize	
01T-6149-L.....	01TS-6149-C.....	.030" Oversize	
01T-6149-M.....	01TS-6149-D.....	.040" Oversize	
01T-6149-N.....	01TS-6149-E.....	.060" Oversize	

'90' V8—3 Ring Sets (for Steel Pistons)

Part No. & Ring Type		Steel Section	Size
Expander			
81A-6149-G..... or	81AS-6149-E.....	Standard	
	81AS-6149-F.....	.015" Oversize	

'100' V8—3 Ring Sets

Part No. & Ring Type		Steel Section	Size
Expander			
99A-6149-A..... or	99AS-6149-A.....	Standard	
99A-6149-B.....	99AS-6149-E.....	.005" Oversize	
99A-6149-C.....	99AS-6149-F.....	.015" Oversize	
99A-6149-G.....	99AS-6149-B.....	.020" Oversize	
99A-6149-D.....	99AS-6149-G.....	.030" Oversize	
99A-6149-H.....	99AS-6149-C.....	.040" Oversize	
99A-6149-E.....	99AS-6149-D.....	.045" Oversize	
99A-6149-F.....	99AS-6149-E.....	.060" Oversize	

'100' V8—4 Ring Sets

Part No. & Ring Type		Steel Section	Size
Snap Type			
29A-6149-A..... or	29AS-6149-A.....	Standard	
29A-6149-B.....	29AS-6149-B.....	.020" Oversize	
29A-6149-C.....	29AS-6149-C.....	.030" Oversize	
29A-6149-D.....	29AS-6149-D.....	.040" Oversize	
29A-6149-E.....	29AS-6149-E.....	.060" Oversize	

'100' V8 Bus—4 Ring Sets

Expander Type	Size
29B-6149-A.....	Standard
29B-6149-B.....	.020" Oversize
29B-6149-C.....	.030" Oversize
29B-6149-D.....	.040" Oversize
29B-6149-E.....	.060" Oversize

Steel Section Type Piston Rings:—These ring sets are composed of the special rings listed below.

Top Compression Ring—One-piece cast iron ring with cadmium-plated tapered face. Ring should be installed with mark 'TOP' up (stamped on side of ring near slot). No expander spring used.

Lower Compression Ring—Two-piece ring with wide upper cast iron section and narrow lower steel section. Expander spring is used (has initial bearing only on cast iron section) and face of cast iron section is cadmium plated. Install cast iron section with gap toward one side of engine, expander spring and steel section with gap toward opposite side of engine.

Oil Control Ring—Three-piece ring with slotted cast iron center section and narrow steel sections above and below. Expander spring is used (has initial bearing only on cast iron section) and face of cast iron section is cadmium plated. Install cast iron section with gap toward one side of engine, both steel sections and expander spring with gaps toward opposite side of engine.

PISTON PINS

1938-42 MODELS

REPLACEMENT PISTON PINS:—Piston pins furnished for service in Standard Size and in Under- and Oversizes which are color-marked for identification as follows:

4 Cylinder Engine (1941-42)

Part No.	Color	Size
99A-6135-A.....		Standard

6 Cylinder Engine (1941-42)

1GA-6135-B.....		Standard
1GA-6135-D.....		.001" Oversize
1GA-6135-E.....		.002" Oversize
1GA-6135-F.....		.002" Undersize

'60' V8 Engine (1937-40)

52-6135-A.....		Standard
52-6135-C.....	Red.....	.002" Oversize
52-6135-D.....	White.....	.002" Undersize
52-6135-E.....	Blue.....	.001" Oversize

'90' V8 Engine ('38-42)—for 11A-6110 Al. Pistons

78-6135-A.....		Standard
78-6135-B.....	Red.....	.002" Oversize
78-6135-C.....	White.....	.002" Undersize
78-6135-D.....	Blue.....	.001" Oversize

'90' V8 Truck (1938)

18-6135-A.....		Standard
18-6135-B.....	Red.....	.002" Oversize
18-6135-D.....	Blue.....	.001" Oversize

'90' V8 Engine (1938-42)—for Steel Pistons

48-6135-A.....		Standard
48-6135-B.....	Red.....	.002" Oversize
48-6135-C.....	White.....	.002" Undersize
48-6135-D.....	Blue.....	.001" Oversize

'100' V8 Engine (1939-42)—for Steel Pistons

99A-6135-A.....		Standard
99A-6135-B.....	Red.....	.002" Oversize
99A-6135-C.....	White.....	.002" Undersize
99A-6135-D.....	Blue.....	.001" Oversize

'100' V8 Engine (1939-42)—for Aluminum Pistons

19A-6135-A.....		Standard
19A-6135-B.....		.002" Oversize
19A-6135-C.....		.002" Undersize
19A-6135-D.....		.001" Oversize

'100' V8 Engine—for 09A, 09T, 29B Al. Pistons

49T-6135.....	Pink.....	Standard
49T-6135-B.....	Yellow & Pink.....	.002" Oversize
49T-6135-C.....	White & Pink.....	.002" Undersize
49T-6135-D.....	Blue & Pink.....	.001" Oversize

1934-42 MODELS

PISTON PIN FITTING:—Steel Pistons. Pins can be removed and installed without heating pistons. Pins, pistons, and rod bushings held to close limits so no fitting required. Check clearance as follows:

Pin Fit in Piston—With piston and pin at same temperature and clean, pin should drop through pin hole in piston (clearance .0007" maximum).

Pin Fit in Rod Bushing—With pin installed, hold pin so that rod hangs vertically, then rotate pin. Lower end of rod should move upward through arc of 1/2" max. before dropping back to vertical.