

# STREET/STRIP ROTATING ASSEMBLIES



Our Falcon Performance Street/Strip Rotating Assemblies consist of name brand, quality parts at affordable prices. The Street/Strip assemblies consist of Eagle "ESP" cast steel crankshafts, Eagle "SIR" I-beam connecting rods, forged or hypereutectic pistons, moly piston rings, and rod & main bearings. Please check with your local Engine Parts Center for piston availability. Piston abbreviations are as follows:

**FM:** Speed Pro Hypereutectic Pistons  
**FMG:** Speed Pro Forged Pistons  
**FPS:** Probe "FPS" Series Forged Pistons  
**SRS:** Probe "SRS" Series Forged Pistons

## Chevrolet Small Block Engines

2-Piece Seal	1-Piece Seal	Rod	Piston	Dome Shape	Dome Volume	CR w/ 64cc	CR w/ 76cc
<b>Chevrolet 305 - 3.736" Standard Bore - 3.480" Stroke - OE Balance</b>							
RA1081	RA1081L	5.700" P	FM	Flat Top 4-vlv	-4.2cc	8.3:1	7.9:1
<b>Chevrolet 350 - 4.000" Standard Bore - 3.480" Stroke - OE Balance</b>							
RA1065	RA1065L	5.700" P	FPS	Dish Top	-20.3cc	8.6:1	7.8:1
RA1007	RA1007L	5.700" P	FM	Flat Top 4-vlv	-5.0cc	9.3:1	8.3:1
RA1214	RA1214L	5.700" B	FM	Flat Top 2-vlv	-5.0cc	9.7:1	8.6:1
RA1018	RA1018L	5.700" P	FMG	Flat Top 4 vlv	-6.1cc	9.7:1	8.6:1
RA1234	RA1234L	5.700" P	FPS	Flat Top 2-vlv	-5.0cc	10.1:1	9.0:1
RA1008	RA1008L	5.700" B	SRS	Flat Top 2 vlv	-4.0cc	10.2:1	9.0:1
RA1067	RA1067L	6.000" B	FM	Flat Top 2-vlv	-5.0cc	10.0:1	8.6:1
RA1241	RA1241L	6.000" B	FPS	Flat Top 2-vlv	-5.0cc	10.2:1	9.0:1
RA1012	RA1012L	6.000" B	SRS	Flat Top 2-vlv	-4.0cc	10.1:1	9.0:1
RA1019	RA1019L	5.700" B	FM	Dome	+3.5cc	10.7:1	9.3:1
<b>Chevrolet 350 - 4.000" Standard Bore - 3.750" Stroke - External Balance</b>							
RA1033B	RA1033BL	5.700" B	FM	Dish Top	-12.0cc	9.6:1	8.6:1
RA1046	RA1046L	5.700" B	SRS	Rev Dome	-20.4cc	9.1:1	8.3:1
RA1069	RA1069L	6.000" B	SRS	Dish Top	-12.8cc	9.9:1	8.8:1
RA1000B	RA1000BL	5.700" B	FM	Flat Top 2-vlv	-5.0cc	10.2:1	9.2:1
RA1237	RA1237L	5.700" B	FPS	Flat Top 2-vlv	-5.0cc	10.9:1	9.6:1
RA1013	RA1013L	5.700" B	SRS	Flat Top 2-vlv	-4.0cc	10.9:1	9.6:1
RA1171	RA1171L	6.000" B	FM	Flat Top 2-vlv	-5.0cc	10.5:1	9.3:1
RA1239	RA1239L	6.000" B	FPS	Flat Top 2-vlv	-5.0cc	10.9:1	9.6:1
RA1070	RA1070L	6.000" B	SRS	Flat Top 2-vlv	-4.0cc	10.9:1	9.6:1
RA1020B	RA1020BL	5.700" B	FM	Dome	+3.5cc	11.4:1	10.0:1
<b>Chevrolet 350 - 4.000" Standard Bore - 3.750" Stroke - Internal Balance</b>							
RA1035B	RA1035BL	5.700" B	FM	Dish Top	-12.0cc	9.6:1	8.6:1
RA1045	RA1045L	5.700" B	SRS	Rev Dome	-20.4cc	9.1:1	8.3:1
RA1068	RA1068L	6.000" B	SRS	Dish Top	-12.8cc	9.9:1	8.8:1
RA1003B	RA1003BL	5.700" B	FM	Flat Top 2-vlv	-5.0cc	10.2:1	9.2:1
RA1238	RA1238L	5.700" B	FPS	Flat Top 2-vlv	-5.0cc	10.9:1	9.6:1
RA1014	RA1014L	5.700" B	SRS	Flat Top 2-vlv	-4.0cc	10.9:1	9.6:1
RA1168	RA1168L	6.000" B	FM	Flat Top 2-vlv	-5.0cc	10.5:1	9.3:1
RA1240	RA1240L	6.000" B	FPS	Flat Top 2-vlv	-5.0cc	10.9:1	9.6:1
RA1015	RA1015L	6.000" B	SRS	Flat Top 2-vlv	-4.0cc	10.9:1	9.6:1
RA1021B	RA1021BL	5.700" B	FM	Dome	+3.5cc	11.4:1	10.0:1
EXT Balance	INT Balance	Rod	Piston	Dome Shape	Dome Volume	CR w/ 64cc	CR w/ 76cc
<b>Chevrolet 400 - 4.125" Standard Bore - 3.750" Stroke</b>							
RA1016B	RA1016BI	5.700" B	FM	Dish Top	-12.5cc	10.1:1	9.0:1
RA1071	RA1071I	5.700" B	SRS	Rev Dome	-22.5cc	9.5:1	8.6:1
RA1072	RA1072I	6.000" B	SRS	Dish Top	-15.0cc	10.2:1	9.1:1
RA1011B	RA1011BI	5.700" B	FM	Flat 4-vlv	-6.0cc	10.8:1	9.6:1
RA1074	RA1074I	6.000" B	FM	Flat 2-vlv	-5.0cc	11.0:1	9.8:1
RA1073	RA1073I	5.700" B	SRS	Flat 2-vlv	-4.0cc	11.5:1	10.1:1
RA1075	RA1075I	6.000" B	SRS	Flat 2-vlv	-4.0cc	11.5:1	10.1:1

# STREET/STRIP ROTATING ASSEMBLIES



## Chevrolet Big Block Engines

2-Piece Seal	1-Piece Seal	Rod	Piston	Dome Shape	Dome Volume	CR w/ 106cc	CR w/ 118cc
<b>Chevrolet 454 - 4.250" Standard Bore - 4.000" Stroke - 9.800" Deck - External Balance</b>							
RA1047	RA1047L	6.135" B	FM	Flat Top 2-vlv	-2.0cc	8.5:1	7.8:1
RA1242	RA1242L	6.135" P	FPS	Flat Top 1-vlv	-3.0cc	8.8:1	8.1:1
RA1051	RA1051L	6.135" B	SRS	Flat Top 1-vlv	-3.0cc	8.8:1	8.2:1
RA1048	RA1048L	6.135" B	FM	Dome	+10.5cc	9.3:1	8.5:1
RA1049	RA1049L	6.135" B	FM	Dome	+22.0cc	10.3:1	9.3:1
RA1050	RA1050L	6.135" B	FM	Dome	+33.0cc	11.1:1	10.2:1
RA1055	RA1055L	6.135" P	FPS	Dome	+18.0cc	10.4:1	9.4:1
RA1235	RA1235L	6.135" B	SRS	Dome	+18.0cc	10.4:1	9.4:1
RA1053	RA1053L	6.385" B	SRS	Dome	+18.0cc	10.4:1	9.4:1
<b>Chevrolet 454 - 4.250" Standard Bore - 4.250" Stroke - 9.800" Deck - External Balance</b>							
RA1059	RA1059L	6.385" B	SRS	Flat Top 1-vlv	-3.0cc	9.2:1	8.5:1
RA1057	RA1057L	6.385" B	SRS	Dome	+18.0cc	11.0:1	9.9:1
<b>Chevrolet 502 - 4.467" Standard Bore - 4.000" Stroke - 9.800" Deck - External Balance</b>							
RA1052	RA1052L	6.135" B	SRS	Flat Top 1-vlv	-3.0cc	9.4:1	8.7:1
RA1054	RA1054L	6.385" B	SRS	Dome	+15.7cc	11.0:1	10.0:1

## Chrysler Small Block Engines

Kit Number	Stroke	Rod	Piston	Dome Shape	Dome Volume	CR w/ 65cc	CR w/ 68cc
<b>Chrysler 360 - 4.000" Standard Bore - External Balance</b>							
RA3018	3.580"	6.123" P	FM	Flat Top 4-vlv	-10.0cc	9.1:1	8.6:1
RA3015	3.580"	6.123" B	FM	Flat Top 2-vlv	-5.0cc	9.8:1	9.5:1
RA3003	3.580"	6.123" B	SRS	Flat Top 2-vlv	-5.5cc	10.2:1	9.5:1
<b>Chrysler 360 - 4.000" Standard Bore - Internal Balance</b>							
RA3004	4.000"	6.123" B	SRS	Rev Dome	-17.5cc	9.9:1	9.3:1
RA3019	4.000"	6.123" B	SRS	Flat Top 2-vlv	-5.5cc	11.3:1	10.5:1

## Ford Small Block Engines

Kit Number	Stroke	Rod	Piston	Dome Shape	Dome Volume	CR w/ 58cc	CR w/ 64cc
<b>Ford 351W - 4.000" Standard Bore - External Balance</b>							
RA2008	3.750"	6.250" B	SRS	Rev Dome	-19.3cc	9.9:1	9.3:1
RA2025	3.750"	6.250" B	SRS	Flat Top 2-vlv	-4.0cc	11.8:1	10.9:1
RA2023	3.850"	5.956" P	FPS	Dish Top	-12.2cc	10.9:1	10.2:1
RA2024	3.850"	5.956" P	FPS	Flat Top 4-vlv	-4.0cc	11.9:1	11.1:1
RA2007	4.000"	6.250" B	SRS	Rev Dome	-22.0cc	10.2:1	9.6:1
RA2026	4.000"	6.200" B	SRS	Flat Top 2-vlv	-4.0cc	12.5:1	11.6:1

\*\*\*None of the Small Block Ford Kits Contain Pistons for Twisted Wedge Cylinder Heads\*\*\*





# COMPETITION ROTATING ASSEMBLIES



Our Falcon Performance Competition Rotating Assemblies are a great choice for the most demanding applications. Our Competition Assemblies consist of Eagle "ESP" 4340 forged crankshafts, Eagle "ESP" 4340 H-beam connecting rods, Probe "SRS" forged pistons, plasmamoly rings, and race series rod & main bearings. Our lightweight assemblies feature an Eagle lightweight 4340 crankshaft with 1.889" (Honda) rod journals. Connecting rods with the ARP2000 or L19 bolt upgrade available by adding a (-2000) or (-L19) suffix to the kit number. Please check with your local Engine Parts Center for piston size availability. All kits are designed for internal balance.



## Chevrolet 350ci Small Block

2-piece Seal	1-Piece Seal	Stroke	Rod	Dome Shape	Dome Volume	CR w/ 64cc	CR w/ 76cc
<b>Chevrolet 350 - 4.000" Standard Bore</b>							
RA1121	RA1121L	3.480"	5.700"	Rev Dome	-13.8cc	9.2:1	8.2:1
RA1123	RA1123L	3.480"	5.700"	Flat Top 2-vlv	-4.0cc	10.2:1	9.0:1
RA1026	RA1026L	3.480"	6.000"	Flat Top 2-vlv	-4.0cc	10.2:1	9.0:1
RA1125	RA1125L	3.480"	5.700"	Dome	+12.5cc	12.7:1	10.8:1
RA1216	RA1216L	3.480"	6.000"	Dome	+12.5cc	12.7:1	10.8:1
RA1228	RA1228L	3.500"	6.000"	Flat Top 2-vlv	-4.0cc	10.2:1	9.0:1
RA1229	RA1229L	3.500"	6.000"	Dome	+12.5cc	12.7:1	10.8:1
RA1223	N/A	3.562"	6.000"	Flat Top 2-vlv	-4.0cc	10.4:1	9.2:1
RA1224	N/A	3.562"	6.000"	Dome	+11.1cc	12.7:1	10.8:1
RA1027	RA1027L	3.750"	5.700"	Rev Dome	-20.4cc	9.2:1	8.3:1
RA1009	RA1009L	3.750"	6.000"	Dish Top	-12.8cc	9.9:1	8.8:1
RA1005	RA1005L	3.750"	5.700"	Flat Top 2-vlv	-4.0cc	10.9:1	9.6:1
RA1028	RA1028L	3.750"	6.000"	Flat Top 2-vlv	-4.0cc	10.9:1	9.6:1
RA1130	RA1130L	3.750"	5.700"	Dome	+7.3cc	12.6:1	10.8:1
RA1213	RA1213L	3.750"	6.000"	Dome	+8.0cc	12.7:1	10.9:1
RA1132	RA1132L	3.875"	6.000"	Flat Top 2-vlv	-4.0cc	11.3:1	9.9:1
RA1225	RA1225L	3.875"	6.000"	Dome	+4.9cc	12.6:1	10.9:1
RA1226*	N/A	4.000"	6.000"	Flat Top 2-vlv	-4.0cc	11.6:1	10.2:1
<b>Chevrolet 350 - 4.000" Standard Bore - Lightweight Assemblies</b>							
RA1230	N/A	3.500"	5.700"	Flat Top 2-vlv	-4.0cc	10.2:1	9.0:1
RA1231	N/A	3.500"	6.000"	Flat Top 2-vlv	-4.0cc	10.2:1	9.0:1
RA1232	N/A	3.750"	5.700"	Flat Top 2-vlv	-4.0cc	10.9:1	9.6:1
RA1233	N/A	3.750"	6.000"	Flat Top 2-vlv	-4.0cc	10.9:1	9.6:1

## Chevrolet 400ci Small Block

Kit Number	Stroke	Rod	Piston	Dome Shape	Dome Volume	CR w/ 64cc	CR w/ 76cc
<b>Chevrolet 400 - 4.125" Standard Bore</b>							
RA1215	3.480"	6.000"	SRS	Flat Top 2-vlv	-4.0cc	10.7:1	9.4:1
RA1134	3.480"	6.000"	SRS	Dome	+5.2cc	12.0:1	10.4:1
RA1135	3.750"	5.700"	SRS	Rev Dome	-22.5cc	9.5:1	8.6:1
RA1136	3.750"	6.000"	SRS	Rev Dome	-15.0cc	10.2:1	9.1:1
RA1030	3.750"	5.700"	SRS	Flat Top 2-vlv	-4.0cc	11.5:1	10.1:1
RA1031	3.750"	6.000"	SRS	Flat Top 2-vlv	-4.0cc	11.5:1	10.1:1
RA1137	3.750"	5.700"	SRS	Dome	+4.8cc	12.8:1	11.1:1
RA1032	3.750"	6.000"	SRS	Dome	+4.8cc	12.8:1	11.1:1
RA1222**	3.750"	6.000"	SRS	Dome	+11.5cc	14.0:1	12.0:1
RA1227	3.875"	6.000"	SRS	Flat Top 2-vlv	-4.0cc	11.8:1	10.4:1
RA1038	3.875"	6.000"	SRS	Dome	+4.9cc	13.2:1	11.4:1
RA1203*	4.000"	6.000"	SRS	Rev Dome	-23.6cc	10.0:1	9.0:1
RA1029*	4.000"	6.000"	SRS	Flat Top 2-vlv	-4.0cc	12.2:1	10.7:1
RA1006*	4.000"	6.000"	SRS	Dome	+7.5cc	14.1:1	12.1:1

(\*) Denotes Kit Contains "MAX" Clearance Connecting Rods

(\*\*) Denotes Kit Contains L19 Bolt Upgrade

# COMPETITION ROTATING ASSEMBLIES



## Chevrolet Big Block Engines

2-Piece Seal	1-Piece Seal	Stroke	Rod	Dome Shape	Dome Volume	CR w/112cc	CR w/ 118cc
<b>Chevrolet 396 - 4.094" Standard Bore - 3.766" Stroke</b>							
RA1236	N/A	3.766"	6.135"	Dome	+30.0cc	9.8:1	9.3:1
<b>Chevrolet 454 - 4.250" Standard Bore - 9.800" Deck</b>							
RA1154	RA1154L	4.000"	6.135"	Flat Top 1-vlv	-3.0cc	8.4:1	8.1:1
RA1156	RA1156L	4.000"	6.385"	Flat Top 1-vlv	-3.0cc	8.4:1	8.1:1
RA1158	RA1158L	4.000"	6.135"	Dome	+18.0cc	9.9:1	9.4:1
RA1160	RA1160L	4.000"	6.385"	Dome	+18.0cc	9.9:1	9.4:1
RA1162	RA1162L	4.000"	6.135"	Dome	+39.0cc	12.1:1	11.3:1
RA1164	RA1164L	4.000"	6.385"	Dome	+39.0cc	12.1:1	11.3:1
RA1218	RA1218L	4.250"	6.385"	Flat top 1-vlv	-3.0cc	8.9:1	8.5:1
RA1217	RA1217L	4.250"	6.385"	Dome	+18.0cc	10.4:1	9.9:1
RA1220	RA1220L	4.250"	6.385"	Dome	+39.0cc	12.8:1	12.0:1
<b>Chevrolet 502 - 4.467" Standard Bore - 4.000" Stroke - 9.800" Deck</b>							
RA1172	RA1172L	4.000"	6.135"	Flat Top 1-vlv	-3.0cc	9.0:1	8.6:1
RA1174	RA1174L	4.000"	6.385"	Flat Top 1-vlv	-3.0cc	9.0:1	8.6:1
RA1178	RA1178L	4.000"	6.385"	Dome	+15.7cc	10.5:1	10.0:1
RA1186	RA1186L	4.250"	6.385"	Flat Top 1-vlv	-3.0cc	9.5:1	9.1:1
RA1188	RA1188L	4.250"	6.385"	Dome	+9.1cc	10.5:1	10.0:1
RA1025	RA1025L	4.250"	6.385"	Dome	+43.0cc	14.5:1	13.5:1

## Chrysler Engines

Kit Number	Stroke	Rod	Piston	Dome Shape	Dome Volume	CR w/ 65cc	CR w/ 70cc
<b>Chrysler 360 - 4.000" Standard Bore</b>							
RA3016	3.580"	6.123"	SRS	Rev Dome	-14.5cc	9.3:1	8.8:1
RA3007	3.580"	6.123"	SRS	Flat Top 2-vlv	-5.5cc	10.2:1	9.7:1
RA3008	4.000"	6.123"	SRS	Rev Dome	-17.5cc	9.9:1	9.5:1
RA3009	4.000"	6.123"	SRS	Flat Top 2-vlv	-5.5cc	11.3:1	10.7:1
<b>Chrysler 440 - 4.320" Standard Bore</b>							
RA3001	3.750"	6.760"	SRS	Flat Top 2-vlv	-4.0cc	10.4:1	9.9:1
RA3002	4.150"	6.760"	SRS	Flat Top 2-vlv	-4.0cc	11.5:1	10.8:1
RA3017*	4.500"	7.100"	SRS	Flat Top 2-vlv	-4.0cc	12.3:1	11.7:1

(\* Crankshaft Only Available with 8-Bolt Flange)

## Ford Small Block Engines

3.000" Mains	2.750" Mains	Stroke	Rod	Dome Shape	Dome Volume	CR w/ 58cc	CR w/ 64cc
<b>Ford 351W - 4.000" Standard Bore - Not for use w/ Twisted Wedge Heads</b>							
RA2019	RA2019SVO	3.750"	6.250"	Rev Dome	-19.3cc	9.9:1	9.3:1
RA2004	RA2004SVO	3.750"	6.250"	Flat Top 2-vlv	-4.0cc	11.8:1	10.9:1
RA2029	RA2029SVO	4.000"	6.200"	Dish Top	-33.8cc	9.1:1	8.7:1
RA2017*	RA2017SVO*	4.000"	6.250"	Rev Dome	-22.0cc/-24.8cc	10.2:1	9.6:1
RA2003*	RA2003SVO*	4.000"	6.250"	Flat Top 2-vlv	-4.0cc/-4.5cc	12.5:1	11.6:1
RA2020*	RA2020SVO*	4.100"	6.200"	Rev Dome	-22.0cc/-24.8cc	10.4:1	9.8:1
RA2021*	RA2021SVO*	4.100"	6.200"	Flat Top 2-vlv	-4.0cc/-4.5cc	12.8:1	11.9:1

(\* Available in 4.125" & 4.155" Bores)

## Ford Big Block Engines

w/ OE Heads	w/ SCJ Heads	Stroke	Rod	Dome Shape	Dome Volume	CR w/ 72cc	CR w/ 74cc
<b>Ford 460 - 4.360" Standard Bore</b>							
RA2027	RA2027SCJ	4.300"	6.800"	Flat Top 1-vlv	-3.0cc	13.2:1	12.9:1
RA2028	RA2028SCJ	4.500"	6.800"/6.700"	Flat Top 1-vlv	-3.0cc	13.7:1	13.4:1