



Valves Spring/Retainer Kits Rods Pistons Crankshafts / Rotating Assemblies

4G63 / 4G64 - PLATINUM SERIES LIGHTWEIGHT PISTONS - [learn more about our pistons](#)

Manley pistons are machined of high strength 2618 material. Each design is lightweight yet robust enough to deliver long service life. Offset wrist pin design is utilized for quiet start-ups. Perfect ring groove to skirt squareness is achieved through our unique "one fixturing" manufacturing method that assures maximum horsepower. All pistons come with moly coated skirts. Round wire locks, premium chrome moly wrist pins, and premium steel top ring sets from Total Seal are included with every kit at no additional charge. 9310 alloy upgraded wrist pins are available.



DSM cyl. head volume = 47cc
EVO cyl. head volume = 43cc

Part #	Extreme Duty Part #	Bore Size (mm)	Over Size	Rod Length	Stroke	Comp. Distance	Dome Volume (cc)	Cylinder Head (cc)	Comp. Ratio	Piston Type	Piston Wt / Gms	Included Ring Set
Mitsubishi Eclipse GS/GST/GSX-Eagle Talon TSi 90-93.5 (6 Bolt) - 4G63/4G63T												
88mm STD STROKE (2.0L)												
60500C-4	605000CE-4	85	STD	150	88	1.375"	-12	47	8.5	Dish	340	46850-4
605005C-4	605005CE-4	85.5	+.5mm	150	88	1.375"	-12	47	8.5	Dish	344	46855-4
605010C-4	605010CE-4	86	+1.0mm	150	88	1.375"	-12	47	8.5	Dish	348	46860-4
605100C-4	605100CE-4	85	STD	150	88	1.375"	-8	47	9	Dish	349	46850-4
605105C-4	605105CE-4	85.5	+.5mm	150	88	1.375"	-8	47	9	Dish	356	46855-4
605110C-4	605110CE-4	86	+1.0mm	150	88	1.375"	-8	47	9	Dish	365	46860-4
100mm STROKER (2.3L)												
607005C-4	607005CE-4	85.5	+.5mm	150	100	1.130"	-22	47	8.5	Dish	300	46855-4
Mitsubishi Eclipse GST/GSX-Eagle Talon TSi 93.5-99 (7 Bolt) - 4G63/4G63T Evo VIII, IX 03-06 4G63T												
88mm STD STROKE (2.0L)												
606000C-4	606000CE-4	85	STD	150	88	1.375"	-12	47 / 43	8.5 / 9.0	Dish	337	46850-4
606005C-4	606005CE-4	85.5	+.5mm	150	88	1.375"	-12	47 / 43	8.5 / 9.0	Dish	341	46855-4
606010C-4	606010CE-4	86	+1.0mm	150	88	1.375"	-12	47 / 43	8.5 / 9.0	Dish	345	46860-4
606015C-4	606015CE-4	86.5	+1.5mm	150	88	1.375"	-12	47 / 43	8.5 / 9.0	Dish	349	46865-4
606020C-4	606020CE-4	87	+2.0mm	150	88	1.375"	-12	47 / 43	8.5 / 9.0	Dish	354	46870-4
606100C-4	606100CE-4	85	STD	150	88	1.375"	-8	47 / 43	9.0 / 9.5	Dish	342	46850-4
606105C-4	606105CE-4	85.5	+.5mm	150	88	1.375"	-8	47 / 43	9.0 / 9.5	Dish	350	46855-4
606110C-4	606110CE-4	86	+1.0mm	150	88	1.375"	-8	47 / 43	9.0 / 9.5	Dish	358	46860-4
606115C-4	606115CE-4	86.5	+1.5mm	150	88	1.375"	-8	47 / 43	9.0 / 9.5	Dish	350	46865-4
606120C-4	606120CE-4	87	+2.0mm	150	88	1.375"	-8	47 / 43	9.0 / 9.5	Dish	359	46870-4
606200C-4	606200CE-4	85	STD	150	88	1.375"	-2.5	47 / 43	10.0 / 10.5	Flat Top	339	46850-4
606205C-4	606205CE-4	85.5	+.5mm	150	88	1.375"	-2.5	47 / 43	10.0 / 10.5	Flat Top	347	46855-4
606210C-4	606210CE-4	86	+1.0mm	150	88	1.375"	-2.5	47 / 43	10.0 / 10.5	Flat Top	355	46860-4
606215C-4	606215CE-4	86.5	+1.5mm	150	88	1.375"	-2.5	47 / 43	10.0 / 10.5	Flat Top	352	46865-4
606220C-4	606220CE-4	87	+2.0mm	150	88	1.375"	-2.5	47 / 43	10.0 / 10.5	Flat Top	360	46870-4
617000C-4	617000CE-4	85	STD	156,	88	1.130"	-12	47 / 43	8.5 / 9.0	Dish	298	46850-4
617005C-4	617005CE-4	85.5	+.5mm	156,	88	1.130"	-12	47 / 43	8.5 / 9.0	Dish	305	46855-4
617010C-4	617010CE-4	86	+1.0mm	156,	88	1.130"	-12	47 / 43	8.5 / 9.0	Dish	313	46860-4
617015C-4	617015CE-4	86.5	+1.5mm	156,	88	1.130"	-12	47 / 43	8.5 / 9.0	Dish	312	46865-4
617020C-4	617020CE-4	87	+2.0mm	156,	88	1.130"	-12	47 / 43	8.5 / 9.0	Dish	320	46870-4
94mm STROKER (2.1L)												
618000C-4	618000CE-4	85	STD	150	94	1.248"	-17	47 / 43	8.5 / 9.0	Dish	311	46850-4
618005C-4	618005CE-4	85.5	+.5mm	150	94	1.248"	-17	47 / 43	8.5 / 9.0	Dish	319	46855-4
618010C-4	618010CE-4	86	+1.0mm	150	94	1.248"	-17	47 / 43	8.5 / 9.0	Dish	327	46860-4
618015C-4	618015CE-4	86.5	+1.5mm	150	94	1.248"	-17	47 / 43	8.5 / 9.0	Dish	327	46865-4
618020C-4	618020CE-4	87	+2.0mm	150	94	1.248"	-17	47 / 43	8.5 / 9.0	Dish	334	46870-4
618200C-4	618200CE-4	85	STD	150	94	1.248"	-8	47 / 43	10.0 / 10.5	Dish	322	46850-4
618205C-4	618205CE-4	85.5	+.5mm	150	94	1.248"	-8	47 / 43	10.0 / 10.5	Dish	328	46855-4

618210C-4	618210CE-4	86	+1.0mm	150	94	1.248"	-8	47 / 43	10.0 / 10.5	Dish	337	46860-4
618215C-4	618215CE-4	86.5	+1.5mm	150	94	1.248"	-8	47 / 43	10.0 / 10.5	Dish	335	46865-4
618220C-4	618220CE-4	87	+2.0mm	150	94	1.248"	-8	47 / 43	10.0 / 10.5	Dish	344	46870-4
619000C-4	619000CE-4	85	STD	156,	94	1.012"	-17	47 / 43	8.5 / 9.0	Dish	272	46850-4
619005C-4	619005CE-4	85.5	+5mm	156,	94	1.012"	-17	47 / 43	8.5 / 9.0	Dish	277	46855-4
619010C-4	619010CE-4	86	+1.0mm	156,	94	1.012"	-17	47 / 43	8.5 / 9.0	Dish	287	46860-4
619015C-4	619015CE-4	86.5	+1.5mm	156,	94	1.012"	-17	47 / 43	8.5 / 9.0	Dish	289	46865-4
619020C-4	619020CE-4	87	+2.0mm	156,	94	1.012"	-17	47 / 43	8.5 / 9.0	Dish	296	46870-4
619200C-4	619200CE-4	85	STD	156,	94	1.012"	-8	47 / 43	10.0 / 10.5	Dish	283	46850-4
619205C-4	619205CE-4	85.5	+5mm	156,	94	1.012"	-8	47 / 43	10.0 / 10.5	Dish	290	46855-4
619210C-4	619210CE-4	86	+1.0mm	156,	94	1.012"	-8	47 / 43	10.0 / 10.5	Dish	293	46860-4
619215C-4	619215CE-4	86.5	+1.5mm	156,	94	1.012"	-8	47 / 43	10.0 / 10.5	Dish	295	46865-4
619220C-4	619220CE-4	87	+2.0mm	156,	94	1.012"	-8	47 / 43	10.0 / 10.5	Dish	302	46870-4
100mm STROKER (2.3L)												
608000C-4	608000CE-4	85	STD	150	100	1.130"	-22	47 / 43	8.5 / 9.0	Dish	291	46850-4
608005C-4	608005CE-4	85.5	+5mm	150	100	1.130"	-22	47 / 43	8.5 / 9.0	Dish	295	46855-4
608010C-4	608010CE-4	86	+1.0mm	150	100	1.130"	-22	47 / 43	8.5 / 9.0	Dish	299	46860-4
608015C-4	608015CE-4	86.5	+1.5mm	150	100	1.130"	-22	47 / 43	8.5 / 9.0	Dish	300	46865-4
608020C-4	608020CE-4	87	+2.0mm	150	100	1.130"	-22	47 / 43	8.5 / 9.0	Dish	308	46870-4
617000C-4	617000CE-4	85	STD	150	100	1.130"	-12	47 / 43	10.0 / 10.5	Dish	298	46850-4
617005C-4	617005CE-4	85.5	+5mm	150	100	1.130"	-12	47 / 43	10.0 / 10.5	Dish	305	46855-4
617010C-4	617010CE-4	86	+1.0mm	150	100	1.130"	-12	47 / 43	10.0 / 10.5	Dish	313	46860-4
617015C-4	617015CE-4	86.5	+1.5mm	150	100	1.130"	-12	47 / 43	10.0 / 10.5	Dish	312	46865-4
617020C-4	617020CE-4	87	+2.0mm	150	100	1.130"	-12	47 / 43	10.0 / 10.5	Dish	320	46870-4
Mitsubishi 4G64 w/ 4G63 Head 95-99 .866"/22mm x 2.250" Pin x .150" Wall												
88mm DE-STROKED (2.1L)												
606015C-4	606015CE-4	86.5	STD	156	88	1.375"	-12	47 / 43	8.5 / 9.0	Dish	349	46865-4
606020C-4	606020CE-4	87	+5mm	156	88	1.375"	-12	47 / 43	8.5 / 9.0	Dish	354	46870-4
606115C-4	606115CE-4	86.5	STD	156	88	1.375"	-8	47 / 43	9.0 / 9.5	Dish	350	46865-4
606120C-4	606120CE-4	87	+5mm	156	88	1.375"	-8	47 / 43	9.0 / 9.5	Dish	359	46870-4
606215C-4	606215CE-4	86.5	STD	156	88	1.375"	-2.5	47 / 43	10.0 / 10.5	Flat Top	352	46865-4
606220C-4	606220CE-4	87	+5mm	156	88	1.375"	-2.5	47 / 43	10.0 / 10.5	Flat Top	360	46870-4
617015C-4	617015CE-4	86.5	STD	162	88	1.130"	-12	47 / 43	8.5 / 9.0	Dish	312	46865-4
617020C-4	617020CE-4	87	+5mm	162	88	1.130"	-12	47 / 43	8.5 / 9.0	Dish	320	46870-4
94mm DE-STROKED (2.2L)												
618015C-4	618015CE-4	86.5	STD	156	94	1.248"	-17	47 / 43	8.5 / 9.0	Dish	327	46865-4
618020C-4	618020CE-4	87	+5mm	156	94	1.248"	-17	47 / 43	8.5 / 9.0	Dish	334	46870-4
618215C-4	618215CE-4	86.5	STD	156	94	1.248"	-8	47 / 43	10.0 / 10.5	Dish	335	46865-4
618220C-4	618220CE-4	87	+5mm	156	94	1.248"	-8	47 / 43	10.0 / 10.5	Dish	344	46870-4
619015C-4	619015CE-4	86.5	STD	162	94	1.012"	-17	47 / 43	8.5 / 9.0	Dish	289	46865-4
619020C-4	619020CE-4	87	+5mm	162	94	1.012"	-17	47 / 43	8.5 / 9.0	Dish	296	46870-4
619215C-4	619215CE-4	86.5	STD	162	94	1.012"	-8	47 / 43	10.0 / 10.5	Dish	295	46865-4
619220C-4	619220CE-4	87	+5mm	162	94	1.012"	-8	47 / 43	10.0 / 10.5	Dish	302	46870-4
100mm STD STROKE (2.4L)												
613000C-4	613000CE-4	86.5	STD	150	100	1.375"	-23.5	47 / 43	8.5 / 9.0	Dish	338	46865-4
613005C-4	613005CE-4	87	+5mm	150	100	1.375"	-23.5	47 / 43	8.5 / 9.0	Dish	346	46870-4
606015C-4	606015CE-4	86.5	STD	150	100	1.375"	-12	47 / 43	10.0 / 10.5	Dish	349	46865-4
606020C-4	606020CE-4	87	+5mm	150	100	1.375"	-12	47 / 43	10.0 / 10.5	Dish	354	46870-4
608015C-4	608015CE-4	86.5	STD	156	100	1.130"	-22	47 / 43	8.6 / 9.1	Dish	300	46865-4
608020C-4	608020CE-4	87	+5mm	156	100	1.130"	-22	47 / 43	8.6 / 9.1	Dish	307	46870-4
617015C-4	617015CE-4	86.5	STD	156	100	1.130"	-12	47 / 43	10.0 / 10.5	Dish	312	46865-4
617020C-4	617020CE-4	87	+5mm	156	100	1.130"	-12	47 / 43	10.0 / 10.5	Dish	320	46870-4

4G63 / 4G64 - Turbo Tuff Design

- 2618 high strength material
- 2.250 x .250" wall 9310 alloy pin included P/N 42552
- Pressure balance groove
- Will accommodate +1mm valve sizes
- Vertical Gas Ports designed for high HP Race Engines
- Premium Steel top rings with Napier seconds and round wire locks included
- Recommended piston clearance .0035" measured 1.100" from the bottom of the oil ring



- **Increased Deck Thickness**
- **Vertical Gas Ports**
- **Increased Thickness Below Pin**
- **Pin Piers Machined To Accept Aluminum or Steel Rods**

Part #	Bore Size (mm)	Over Size	Rod Length	Stroke	Comp. Distance	Dome Volume (cc)	Cylinder Head (cc) DSM / EVO	Comp. Ratio DSM / EVO	Piston Type	Piston Wt / Gms	Included Ring Set
Mitsubishi Eclipse GST/GSX-Eagle Talon Tsi 93.5-99 (7 Bolt) - 4G63/4G63T Evo VIII, IX 03-06 4G63T											
88mm STD STROKE (2.0L)											
606300CE-4	85	STD	150	88	1.375"	-12	47 / 43	8.5 / 9.0	Dish	363	46850-4
606305CE-4	85.5	+5mm	150	88	1.375"	-12	47 / 43	8.5 / 9.0	Dish	369	46855-4
606310CE-4	86	+1.0mm	150	88	1.375"	-12	47 / 43	8.5 / 9.0	Dish	375	46860-4
606400CE-4	85	STD	150	88	1.375"	-2.5	47 / 43	10.0 / 10.5	Flat Top	372	46850-4
606405CE-4	85.5	+5mm	150	88	1.375"	-2.5	47 / 43	10.0 / 10.5	Flat Top	376	46855-4
606410CE-4	86	+1.0mm	150	88	1.375"	-2.5	47 / 43	10.0 / 10.5	Flat Top	380	46860-4
617100CE-4	85	STD	156	88	1.130"	-12	47 / 43	8.5 / 9.0	Dish	327	46850-4
617105CE-4	85.5	+5mm	156	88	1.130"	-12	47 / 43	8.5 / 9.0	Dish	329	46855-4
617110CE-4	86	+1.0mm	156	88	1.130"	-12	47 / 43	8.5 / 9.0	Dish	331	46860-4
617200CE-4	85	STD	156	88	1.130"	-2.5	47 / 43	10.0 / 10.5	Flat top	331	46850-4
617102CE-4	85.25	+25mm	156	88	1.130"	-12	47 / 43	8.5 / 9.0	Dish	328	46852-4
617202CE-4	85.25	+25mm	156	88	1.130"	-2.5	47 / 43	10.0 / 10.5	Flat Top	334	46852-4
617205CE-4	85.5	+5mm	156	88	1.130"	-2.5	47 / 43	10.0 / 10.5	Flat top	335	46855-4
617210CE-4	86	+1.0mm	156	88	1.130"	-2.5	47 / 43	10.0 / 10.5	Flat top	339	46860-4Z
100mm STD STROKER (2.3L)											
617100CE-4	85	STD	150	100	1.130"	-12	47 / 43	10.0 / 10.5	Dish	327	46850-4
617102CE-4	85.25	+25mm	150	100	1.130"	-12	47 / 43	10.0 / 10.5	Dish	328	46852-4
617105CE-4	85.5	+5mm	150	100	1.130"	-12	47 / 43	10.0 / 10.5	Dish	329	46855-4
617110CE-4	86	+1.0mm	150	100	1.130"	-12	47 / 43	10.0 / 10.5	Dish	331	46860-4

Common Features

Crown Thickness: .320"
 Top Ring: 1.2mm, .350" down
 Second Ring: 1.2mm
 Oil Ring: 2.8mm
 Valve Notches: .205" Int., .205" Exh.
 Pin Included: 9310 Alloy P/N 42552
 (.250" wall, 139 grams, 2.250" long, 22mm dia.)
 Round Wire Locks: P/N 42270