



# N14 Overhaul Kit Reference Guide



Cylinder Head (3)**	Critical Parts List (CPL)	Overhaul Kit Part Number	Rectangular Ring Seal (6)	O Ring Seal (12)	Cylinder Liner (6)	Cylinder Liner Kit (6)	Connecting Rod Bearing (12)	Piston Pin (6)	Retaining Ring (12)	Main Bearing Std. (1 Set)	Oil Pan Gasket (1 Set)	Upper Engine Gasket (1 Set)	Piston Ring Set (6)	Engine Piston (6)
<b>N14 CELECT PLUS</b>														
3406742RX, 3411815, 3411817	2026, 2398	4024879	215090	3032874	3055099	*	3055145	3064304	3064305	3801260	3804303	4089371	4089489	3865113
3099142, 3406739RX, 3406742RX, 3411814, 3411815, 3411817	1921, 2025, 2033, 2143, 2228, 2261, 2287, 2306, 2388, 2390, 2391, 2403, 2492, 2591, 2592, 2659, 2963, 3359, 3678, 3921, 4260, 8023, 8433	4024880	215090	3032874	3055099	*	3055145	3064304	3064305	3801260	3804303	4089371	4089489	3087634
3406739RX, 3406742RX, 3411814, 3411817	2027, 2038, 2330, 2389, 2590	4024881	215090	3032874	3055099	*	3055145	3064304	3064305	3801260	3804303	4089371	4089489	3087635
<b>N14 CELECT</b>														
3406737RX, 3411812	1249, 1271, 1272, 1285, 1309, 1324, 1353, 1384, 1385, 1386, 1389, 1390, 1426, 1445, 1533, 1534, 1540, 1548, 1572, 1573, 1575, 1580, 1583, 1611, 1831, 1944	4024877	215090	3032874	3055099	*	3055145	3064304	3064305	3801260	3804303	4089371	4089489	3081268
3406737RX, 3411812	1652, 1878	4024878	215090	3032874	3055099	*	3055145	3064304	3064305	3801260	3804303	4089368	4089489	3081269
<b>N14 GAS</b>														
3406742RX, 3411815, 3411817	2026, 2398	4955558	*	*	*	4955555	3055145	*	*	3801260	3804303	4089371	*	*
3099142, 3406739RX, 3406742RX, 3411814, 3411815, 3411817	1921, 2025, 2033, 2143, 2228, 2261, 2287, 2306, 2388, 2390, 2391, 2403, 2492, 2591, 2592, 2659, 2963, 3359, 3678, 3921, 4260, 8023, 8433	4955559	*	*	*	4955556	3055145	*	*	3801260	3804303	4089371	*	*
3406739RX, 3406742RX, 3411814, 3411817	2027, 2038, 2330, 2389, 2590	4955560	*	*	*	4955557	3055145	*	3055145	3801260	3804303	4089371	*	*

\*Included in a higher level kit.

\*\*Verification of proper cylinder head option required when multiple part numbers are provided.



# ISM Overhaul Kit Reference Guide



Cylinder Head*	Critical Parts List (CPL)	Overhaul Kit Part Number	Cylinder Liner (6)	Cylinder Liner Kit (6)	Connecting Rod Bearing (12)	Main Bearing Std. (1 Set)	Main Bearing Top (7)	Main Bearing Bottom (7)	Oil Pan Gasket (1 Set)	Upper Engine Gasket (1 Set)	Engine Piston Kit (6)	Thrust Bearing Top (2)	Thrust Bearing Bottom (2)
<b>ISM</b>													
4999617, 4952453RX, 2864028 <i>(automotive above 370HP***)</i> 3403199RX <i>(automotive 370HP and below)</i>	2199, 2200, 2350, 2477, 2562, 2563, 2576, 2607, 2608, 2610, 2611, 2612, 2614, 2615	409000800 <i>Articulated Piston</i>	****	3803703	3016760	4025125	****	****	4318308	4089478**	4025158	****	4926017
<b>2002 ISM</b>													
4952829RX, 4083406RX	8271, 8272, 8273, 8274, 8309, 8377, 8427, 8503, 8504, 8506, 8556, 8557, 8558, 8559, 8560, 8561, 8562, 8563, 8572	491878700 <i>Articulated Piston</i>	****	4089388	3016760	****	3016770	3016780	4318308	4089478**	4089386	4926018	4926017
4952453RX	8271, 8272, 8273, 8274, 8309, 8377, 8427, 8503, 8504, 8506, 8556, 8557, 8558, 8559, 8560, 8561, 8562, 8563, 8572	491878600 <i>Non-Articulated Piston</i>	****	3800477	3016760	4025120	****	****	4318308	4089478**	****	****	****
<b>2007 ISM</b>													
2864028***	2725, 2727, 2728, 2729, 2730, 2731, 2800, 3280, 3281, 3330	491878700 <i>Articulated Piston</i>	****	4089388	3016760	****	3016770	3016780	4318308	4089478**	4089386	4926018	4926017

\* Cylinder Head is not included in Overhaul Kit, only shown as reference.

\*\* When servicing an engine with EGR, use EGR/Air Handling Gasket Set 4089666 in addition to Upper Engine Gasket Set 4089478.

\*\*\* Must purchase Rocker Housing Capscrew P/N 2863697 (Quantity 6) and Cup Plug P/N 205401 (Quantity 1) when replacing Cylinder Head 2864028.

\*\*\*\* Part included in higher assembly.



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