



**Figure 6. - Timing Gear**

Item	Part #	Description	Notes	Q-ty
1	IMZ-8.123-01045	Camshaft with gear assy	Installed thru 2006	1
1	IMZ-8.123-01045-2007	Camshaft w/ gear - Herzog	Installed from 2007	1
2	72-01041-02	Camshaft gear	See fig. 6, #29. It is recommended that parts 72-01041 & IMZ-8.106-01229 are ordered in a set, as they are factory-bedded for noiseless operation	1
3	IMZ-8.1037-18092	Alternator	See fig. 6, #28. Alternator w/o coupling. Please order as part IMZ-8.1037-18001	1
4	IMZ-8.1037-18068	Drive housing		1
5	IMZ-8.101-01423	Alternator gear		1
5	IMZ-8.128-01423-20	Alternator Gear - Herzog	Must be replaced as a set with timing gears - Herzog	1
6	IMZ-8.106-01054	Rocking arm assy, LH		2
7	IMZ-8.106-01053	Rocking arm assy, RH		2
8	IMZ-8.101-01043	Tuppert guide with tuppert assy		4
9	IMZ-8.108-01047	Tuppert push rod		4

**Figure 6. - Timing Gear**

10	7201408-A	Breather		1
10a	368209P	Breather alignment Pin	Not Pictured - Used to secure and align the breather to the cam gear	1
11	IMZ-8.106-01050	Exhaust valve		2
12	IMZ-8.106-01416	Intake valve		2
13	205	Ball bearing		1
13	SKF 6205 2RSH/C3	Ball bearing	Installed from 2007	1
14	IMZ-8.101-01402	Camshaft flange		1
15	IMZ-8.123-01401	Camshaft	See fig. 6, #1	1
16	IMZ-8.101-01424	Oil pump drive gear, camshaft		1
16	IMZ-8.128-01424-10	Oil pump drive gear - Herzog	Installed from 2007	1
17	IMZ-8.1037-01418	Valve spring disc, lower		4
18	6201420-01	Valve spring, inner		4
19	6201419-01	Valve spring, outer		4
20	6201421	Valve spring disc, upper		4
21	6201417	Valve key		8
22	014107	Key P3x13	New # = DIN6888 3x5x13	1
23	IMZ-8.101-01046-01	Tappet		4
24	IMZ-8.101-01409	Tappet guide		4
25	221580-P27C	Screw M5x16		4
26	IMZ-8.101-01332	Adjusting bolt		4
27	250511-P27C	Nut M8x1-6H		4
28	IMZ-8.1037-18001	Alternator with couplings assy		1
29	IMZ-8.128-01229-40-(0, 1, 2, 3) set	Timing gears set - Herzog	Must specify size/group# when ordering	1
30	221608-P29	Screw M6x22	PICTURED AS #28; LOWER LEFT CORNER	2
	Alternator Adaptor	Bearing - 6004 2RS	SKF Barden NSK Brands	