



850-029 ISX, QSX Static Timing Wedge

CPL	Usage	Timing Wedge (Injector Cam)	Timing Wedge (Valve Cam)	Nominal Timing Measurement
(4)0927	ISX CM871	4	6	0.5510
(4)1434	ISX CM871	4	6	0.5530
(4)1437	ISX CM871	4	6	0.5530
(4)2732	ISX CM871	4	6	0.5525
(4)2733	ISX CM871	4	6	0.5515
(4)2734	ISX CM871	4	6	0.5439
(4)2919	ISX CM871	4	6	0.5439
(4)2965	ISX CM871	4	6	0.5439
(4)3167	ISX CM871	4	6	0.5530
(4)3229	ISX CM871	4	6	0.5439
(4)3320	ISX CM871	4	6	0.5439
8125	ISX CM870	4	6	0.5468
8127	ISX CM870	4	6	0.5468
8259	ISX CM870	4	6	0.5468
	ISX			

8260	CM870	4	6	0.5468
8281	ISX CM870	4	6	0.5468
8282	ISX CM870	4	6	0.5468
8283	ISX CM870	4	6	0.5468
8284	ISX CM870	4	6	0.5468
8285	ISX CM870	4	6	0.5468
8286	ISX CM870	4	6	0.5468
8287	ISX CM870	6	6	0.5086
8288	ISX CM870	6	6	0.5086
8518	ISX CM870	4	6	0.5468
8519	ISX CM870	4	6	0.5468
8520	ISX CM870	6	6	0.5086
8521	ISX CM870	6	6	0.5086
8522	ISX CM870	4	6	0.5468
8523	ISX CM870	6	6	0.5086
2440	ISX CM570	7	6	N/A**
2441	ISX CM570	4	6	N/A**
2442	ISX CM570	4	6	N/A**
2483	ISX CM570	4	6	N/A**
2628	ISX	4	6	N/A**

	CM570			
2629	ISX CM570	4	6	N/A**
2630	ISX CM570	4	6	N/A**
2631	ISX CM570	4	6	N/A**
2632	ISX CM570	4	6	N/A**
2801	ISX CM570	4	6	N/A**
2803	ISX CM570	7	6	N/A**
2813	ISX CM570	4	6	N/A**
2814	ISX CM570	4	6	N/A**
2816	ISX CM570	4	6	0.5330
2834	ISX CM570	4	6	0.5330
2835	ISX CM570	4	6	0.5330
2836	ISX CM570	4	6	0.5330
2837	ISX CM570	4	6	0.5330
2867	ISX CM570	4	6	0.5330
2900	ISX CM570	4	6	0.5330
2933	ISX CM570	4	6	0.4750
2934	ISX CM570	4	6	0.4750
8046	ISX CM570	4	6	N/A**
8047	ISX	4	6	N/A**

	CM570			
8048	ISX CM570	4	6	0.4750
8049	ISX CM570	4	6	N/A**
8082	ISX CM570	4	6	N/A**
8083	ISX CM570	4	6	N/A**
8084	ISX CM570	4	6	N/A**
8142	ISX CM570	4	6	0.4749
8172	ISX CM570	4	6	N/A**
8242	ISX CM570	4	6	0.4750
8243	ISX CM570	4	6	0.4750
8244	ISX CM570	4	6	0.4750
8245	ISX CM570	4	6	0.4750
8246	ISX CM570	4	6	0.5330
8247	ISX CM570	4	6	0.5330
8255	ISX CM570	4	6	0.4750
8256	ISX CM570	4	6	0.4750
8257	ISX CM570	4	6	0.4750
8258	ISX CM570	4	6	0.4750
(4)1732	ISX CM570	4	6	0.4544
(4)1771	ISX	4	6	0.4750

	CM570			
2627	QSX CM570	4	6	0.4749
2825	QSX CM570	4	6	0.4749
2958	QSX CM570	4	6	N/A**
8081	QSX CM570	4	6	0.4749
8469	QSX CM570	4	6	0.4749
8571	QSX CM570	4	6	0.4749
8587	QSX CM570	4	6	0.4749
8588	QSX CM570	4	6	0.4749
8760	QSX CM570	4	6	0.4544
8761	QSX CM570	4	6	0.4544
8762	QSX CM570	4	6	0.4544
(4)3087	QSX CM570	4	6	0.4544
(4)3088	QSX CM570	4	6	0.4544
(4)8741	QSX CM570	4	6	0.4749
(4)8742	QSX CM570	4	6	0.4749

NOTE: ** Nominal timing values not available, use wedges to measure timing

NOTE: For CM871 engines experiencing performance symptoms such as premature oil filter plugging, white smoke, and shellac, suggested tolerance from nominal measured timing is ± 0.003 ". For all others, it is ± 0.006 ".

NOTE: CPL's for single camshaft ISX15 CM2250 engines are not contained in this

document because injection timing is not set with wedges; however, please note that all ISX valve camshafts are timed with a 6 degree wedge including single camshaft CPL's not listed.

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