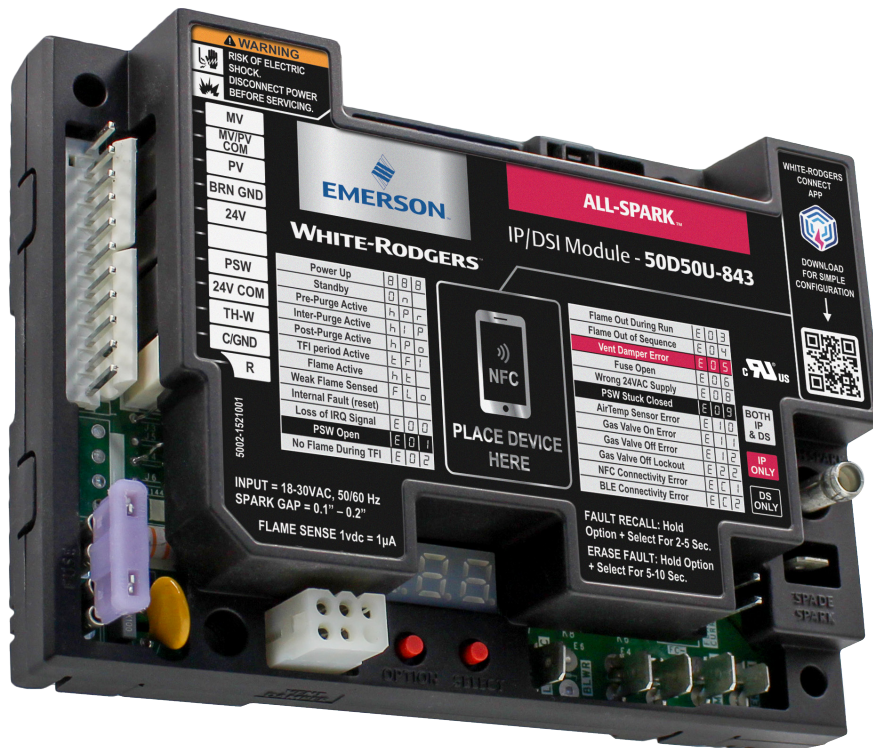


# ALL-SPARK™

## Intermittent Pilot/Direct Spark Ignition Module 50D50U-843



Cross  
Reference  
Timings

WHITE-RODGERS™

Installer must confirm complete appliance operation to ensure proper performance.

EMERSON™

# 50D50U-843

## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			545	19n	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM + All-Spark	OEM
517010030011001	Capable Controls		DSI	1	11	11	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
517010030021001	Capable Controls		DSI	1	21	21	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
521010000004001	Capable Controls		DSI	1	4	4	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
521010000006000	Capable Controls		DSI	1	6	7	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
521010000011001	Capable Controls		DSI	1	11	11	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
545410000021001	Capable Controls		DSI	1	21	21	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
545410030004001	Capable Controls		DSI	1	4	4	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
545410030006001	Capable Controls		DSI	1	6	7	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
549010000021001	Capable Controls		DSI	1	21	21	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
549410000004001	Capable Controls		DSI	1	4	4	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
549410000006001	Capable Controls		DSI	1	6	7	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
549410000011001	Capable Controls		DSI	1	11	11	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-162425-103	Fenwal		DSI	1	6.8	7	15	15	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-162425-200	Fenwal		DSI	1	3.3	4	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-162426-000	Fenwal		DSI	1	3.3	4	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-162426-001	Fenwal		DSI	1	4.7	4	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-162426-002	Fenwal		DSI	1	5.6	4	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-162426-003	Fenwal		DSI	1	6.8	7	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-162426-005	Fenwal		DSI	1	10	10	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-162426-006	Fenwal		DSI	1	12	11	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable

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## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			545	19n	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM + All-Spark	OEM
05-162426-007	Fenwal		DSI	1	***	***	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-162426-053	Fenwal		DSI	1	6.8	7	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-162426-101	Fenwal		DSI	1	4.7	4	15	15	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-162426-105	Fenwal		DSI	1	10	10	15	15	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-162426-200	Fenwal		DSI	1	3.3	4	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-162426-201	Fenwal		DSI	1	4.7	4	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-162426-203	Fenwal		DSI	1	6.8	7	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-162426-207	Fenwal		DSI	1	***	***	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-162526-005	Fenwal		DSI	***	10	10	***	***	***	***	***	***	***	HARD LOCKOUT	60	***
05-169001-000	Fenwal / Heil Quaker		DSI	1	3.3	4	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-169001-001	Fenwal		DSI	1	4.7	4	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-169001-002	Fenwal		DSI	1	5.6	4	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-169001-003	Fenwal		DSI	1	6.8	7	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-169002-003	Fenwal		DSI	1	6.8	7	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-169003-103	Fenwal		DSI	1	6.8	7	15	15	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-169005-123	Fenwal / Evcon		DSI	1	6.8	7	15	15	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-169006-201	Fenwal / ABC Sunray		DSI	1	4.7	4	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-169007-201	Fenwal / Carlin		DSI	1	4.7	4	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-169008-225	Fenwal / Lennox		DSI	1	10	10	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-169009-005	Fenwal / International Dryer		DSI	1	10	10	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable

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## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			545	19n	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM + All-Spark	OEM
05-169009-023	Fenwal / International Dryer		DSI	1	6.8	7	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-169010-023	Fenwal	58C9101	DSI	***	6.8	7	***	***	***	***	***	***	***	HARD LOCKOUT	60	***
05-169011-201	Fenwal		DSI	1	4.7	4	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-169011-205	Fenwal / Perfection Products		DSI	1	10	10	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-169012-200	Fenwal		DSI	1	3.3	4	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-169015-705	Fenwal		DSI	1	10	10	***	***	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-169018-003	Fenwal / International Dryer		DSI	1	6.8	7	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-203025-005	Fenwal		IP	Cont.	90	90	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	N/A
05-203026-005	Fenwal		IP	Cont.	90	90	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	N/A
05-272426-005	Fenwal		DSI	3	10	10	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-272426-055	Fenwal		DSI	1	10	10	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-272426-253	Fenwal		DSI	1	6.8	7	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-279000-023	Fenwal	Special 7-pin connector	DSI	1	6.8	7	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-279001-223	Fenwal	Needs 05-127694-448 Cable Assembly	DSI	1	6.8	7	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-279003-223	Fenwal / Coleman		DSI	1	6.8	7	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-279004-201	Fenwal / Carlin	Cable 05-127328-024 Cable Required	DSI	1	4.7	4	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-279004-223	Fenwal		DSI	1	6.8	7	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296423-150	Fenwal		DSI	1	3.3	4	15	15	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296423-151	Fenwal		DSI	1	4.7	4	15	15	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296423-750	Fenwal		DSI	1	3.3	4	***	***	0	0	0	0	Local	HARD LOCKOUT	60	Disable

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## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			545	19n	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM + All-Spark	OEM
05-296423-751	Fenwal		DSI	1	4.7	4	***	***	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296425-153	Fenwal		DSI	1	6.8	7	15	15	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296425-250	Fenwal		DSI	1	3.3	4	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296425-755	Fenwal		DSI	1	10	10	***	***	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296426-150	Fenwal		DSI	1	3.3	4	15	15	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296426-151	Fenwal		DSI	1	5	4	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-296426-153	Fenwal		DSI	1	7	7	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-296426-155	Fenwal		DSI	1	10	10	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-296426-250	Fenwal		DSI	1	3.3	4	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296426-251	Fenwal / Midco	8428-74	DSI	1	5	4	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-296426-253	Fenwal		DSI	1	7	7	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-296426-255	Fenwal		DSI	1	10	10	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296426-257	Fenwal		DSI	1	***	***	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296426-750	Fenwal		DSI	1	5	4	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-296426-751	Fenwal / Snyder General	712805B-01	DSI	1	5	4	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-296426-753	Fenwal / Heil Quaker	606360	DSI	1	7	7	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-296426-755	Fenwal / Dexter	9857-116-001	DSI	1	10	10	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-296426-757	Fenwal / Roberts Gordon	90427302	DSI	1	15	15	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-296463-253	Fenwal		DSI	3	6.8	7	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296463-255	Fenwal		DSI	3	10	10	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable

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## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			545	19n	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM + All-Spark	OEM
05-296463-257	Fenwal		DSI	3	***	***	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296463-263	Fenwal		DSI	3	6.8	7	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296466-150	Fenwal		DSI	3	3.3	4	15	15	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296466-151	Fenwal / ICP	1380668	DSI	3	5	4	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-296466-153	Fenwal		DSI	3	7	7	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-296466-155	Fenwal / Hobart	14537-400, 00-354447-00001, 354447-1, 354447-00001	DSI	3	10	10	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-296466-250	Fenwal		DSI	3	3.3	4	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296466-251	Fenwal		DSI	3	4.7	4	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296466-253	Fenwal		DSI	3	6.8	7	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296466-255	Fenwal		DSI	3	10	10	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296466-257	Fenwal / Roberts Gordon	904340-00	DSI	3	15	15	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296623-751	Fenwal		DSI	1	4.7	4	***	***	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296623-753	Fenwal		DSI	1	6.8	7	***	***	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296626-251	Fenwal		DSI	1	4.7	4	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296626-753	Fenwal		DSI	1	6.8	7	***	***	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296626-755	Fenwal		DSI	1	10	10	***	***	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296663-261	Fenwal		DSI	3	4.7	4	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296666-151	Fenwal		DSI	3	4.7	4	15	15	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-296666-153	Fenwal		DSI	3	6.8	7	15	15	0	0	0	0	Local	HARD LOCKOUT	60	Disable

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## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			545	19n	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM + All-Spark	OEM
05-296666-155	Fenwal		DSI	3	10	10	15	15	0	0	0	0	Local	HARD LOCKOUT	60	Disable
05-299000-153	Fenwal		DSI	***	6.8	7	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299001-751	Fenwal / Wells Manufacturing	41879	DSI	***	4.7	4	***	***	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299001-753	Fenwal		DSI	***	6.8	7	***	***	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299002-253	Fenwal / Lennox	98G2901	DSI	***	6.8	7	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299003-155	Fenwal		DSI	***	10	10	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299004-153	Fenwal / Hydroflame		DSI	***	6.8	7	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299005-151	Fenwal		DSI	***	4.7	4	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299006-151	Fenwal		DSI	***	4.7	4	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299007-251	Fenwal		DSI	***	4.7	4	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299008-757	Fenwal / Roberts Gordon	90427302	DSI	***	***	***	***	***	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299009-257	Fenwal / Roberts Gordon	90434000	DSI	***	***	***	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299010-753	Fenwal		DSI	***	6.8	7	***	***	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299011-153	Fenwal		DSI	***	6.8	7	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299012-153	Fenwal		DSI	***	6.8	7	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299012-553	Fenwal		DSI	3	7	7	5	15	5	15	0	0	Local	HARD LOCKOUT	60	Disable
05-299013-263	Fenwal / Armstrong	39048B1	DSI	3	6.8	7	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	Enable
05-299014-153	Fenwal		DSI	***	6.8	7	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299015-250	Fenwal		DSI	***	3.3	4	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299016-253	Fenwal		DSI	***	6.8	7	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	Disable



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## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			545	19n	OEM + All-Spark	OEM + All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM + All-Spark	OEM
05-299017-759	Fenwal / Evcon		DSI	***	***	***	***	***	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299018-153	Fenwal / Suburban		DSI	***	6.8	7	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299019-253	Fenwal / Lennox / Armstrong		DSI	***	6.8	7	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299020-755	Fenwal		DSI	***	10	10	***	***	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299021-755	Fenwal / Marco		DSI	***	10	10	***	***	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299022-153	Fenwal		DSI	***	6.8	7	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299023-261	Fenwal		DSI	***	4.7	4	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299024-153	Fenwal / Hydroflame		DSI	***	6.8	7	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
05-299025-755	Fenwal / Banner		DSI	***	10	10	***	***	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
1003-510	UTEC / Weil McLain	511-330-095	IP	***	***	***	***	***	***	***	0	0	***	5	5	N/A
1003-511	UTEC / Weil McLain	511-330-097	IP	1	15	15	0	0	***	***	0	0	***	5	5	N/A
1003-513	UTEC / Weil McLain	511-330-099	IP	1	15	15	30	30	***	***	0	0	***	5	5	N/A
1003-514	UTEC / Reznor	257010	IP	1	120	90	0	0	***	***	0	0	***	60	60	N/A
1003-600A	UTEC / Modine	5H80689	IP	Cont.	90	90	1	15	***	***	***	***	***	5	5	N/A
1003-611A	UTEC / Weil McLain	511-330-097	IP	1	15	15	0	0	***	***	0	0	***	5	5	N/A
1003-613A	UTEC / Weil McLain	511-330-099	IP	1	15	15	30	30	***	***	0	0	***	5	5	N/A
1003-618A	UTEC / Bradford White	233-42909	IP	3	90	90	0	0	30	30	0	0	***	***	60	N/A
1003-620A	UTEC / Utica-Dunkirk	14662070	IP	Cont.	90	90	0	0	***	***	0	0	***	5	5	N/A
1003-638A	UTEC / Reznor	257009	IP	Cont.	90	90	0	0	***	***	0	0	***	5	5	N/A
1003-672A	UTEC / Carrier	LH33EP040	IP	1	5 min	90	0	0	0	0	0	0	***	HARD LOCKOUT	60	N/A
1003-674A	UTEC / Carrier	LH33CZ010	IP	1	85	90	***	***	***	***	***	***	***	5	5	N/A
1016-452	UTEC / Rheem	62-23554-02	DSI	3	7	7	30	30	30	30	***	***	Remote	60	60	***
1016-500	UTEC / Lennox	49W66, 44L59	DSI	3	8	7	30	30	30	30	***	***	***	5	5	***
1016-511	UTEC / AAON	P79990	DSI	3	10	10	5	5	45	45	0	0	***	60	60	***
1016-552	UTEC / Rheem	62-23554-02	DSI	3	7	7	30	30	30	30	***	***	Remote	60	60	***
1016-572	UTEC / Carrier	LH33WP001	DSI	3	4	4	0	0	30	30	***	***	***	5	5	***



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## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			545	19n	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM + All-Spark	OEM
35-6050601-101	Fenwal	829-001	DSI	1	4	4	15	15	0	0	0	0	***	HARD LOCKOUT	60	Disable
35-605500-001	Fenwal		DSI	1	4	4	0	0	0	0	0	0	***	HARD LOCKOUT	60	Disable
35-605500-003	Fenwal		DSI	1	7	7	0	0	0	0	0	0	Local	HARD LOCKOUT	60	***
35-605500-005	Fenwal		DSI	1	10	10	0	0	0	0	0	0	Local	HARD LOCKOUT	60	***
35-605501-001	Fenwal		DSI	1	4	4	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	***
35-605501-101	Fenwal		DSI	1	4	4	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	***
35-605505-113	Fenwal		DSI	3	7	7	15	15	15	15	0	0	Local	HARD LOCKOUT	60	***
35-605505-221	Fenwal		DSI	3	4	4	30	30	30	30	0	0	Local	HARD LOCKOUT	60	***
35-605506-223	Fenwal		DSI	3	7	7	30	30	30	30	0	0	Remote	HARD LOCKOUT	60	***
35-605506-225	Fenwal		DSI	3	10	10	30	30	30	30	0	0	Remote	HARD LOCKOUT	60	***
35-605506-227	Fenwal		DSI	3	15	15	30	30	30	30	0	0	Remote	HARD LOCKOUT	60	***
35-605511-201	Fenwal		DSI	1	4	4	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	***
35-605600-003	Fenwal		DSI	1	7	7	0	0	0	0	0	0	Local	HARD LOCKOUT	60	***
35-605600-005	Fenwal		DSI	1	10	10	0	0	0	0	0	0	Local	HARD LOCKOUT	60	***
35-605600-201	Fenwal		DSI	1	4	4	30	30	0	0	0	0	Local	HARD LOCKOUT	60	***
35-605601-001	Fenwal		DSI	1	4	4	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
35-605601-003	Fenwal	829-002	DSI	1	7	7	0	0	0	0	0	0	***	HARD LOCKOUT	60	Disable
35-605601-005	Fenwal	829-003	DSI	1	10	10	0	0	0	0	0	0	***	HARD LOCKOUT	60	Disable
35-605601-007	Fenwal		DSI	1	15	15	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	***
35-605601-101	Fenwal		DSI	1	15	15	0	0	0	0	0	0	***	HARD LOCKOUT	60	Disable

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## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			545	19n	64	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	FLS	OEM
35-605601-103	Fenwal		DSI	1	7	7	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	***
35-605601-105	Fenwal		DSI	1	10	10	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	***
35-605601-201	Fenwal		DSI	1	4	4	30	30	0	0	0	0	***	HARD LOCKOUT	60	Disable
35-605601-203	Fenwal		DSI	1	7	7	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	***
35-605601-205	Fenwal / Lennox	15B5101	DSI	1	10	10	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	***
35-605601-207	Fenwal		DSI	1	15	15	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	***
35-605605-111	Fenwal		DSI	3	4	4	15	15	15	15	0	0	Local	HARD LOCKOUT	60	***
35-605605-113	Fenwal		DSI	3	7	7	15	15	15	15	0	0	Local	HARD LOCKOUT	60	***
35-605605-115	Fenwal		DSI	3	10	10	15	15	15	15	0	0	Local	HARD LOCKOUT	60	***
35-605606-015	Fenwal / Dexter	9857-116-003, 9857-116-002	DSI	3	10	10	0	0	15	15	0	0	Remote	HARD LOCKOUT	60	Disable
35-605606-111	Fenwal	829-013	DSI	3	4	7	15	15	15	15	0	0	Remote	HARD LOCKOUT	60	Disable
35-605606-113	Fenwal		DSI	3	7	7	15	15	15	15	0	0	Remote	HARD LOCKOUT	60	***
35-605606-115	Fenwal		DSI	3	10	10	15	15	15	15	0	0	***	HARD LOCKOUT	60	Disable
35-605606-221	Fenwal		DSI	3	4	4	30	30	30	30	0	0	Remote	HARD LOCKOUT	60	***
35-605606-225	Fenwal		DSI	3	10	10	30	30	30	30	0	0	Remote	HARD LOCKOUT	60	***
35-605606-227	Fenwal		DSI	3	15	15	30	30	30	30	0	0	Remote	HARD LOCKOUT	60	Disable
35-605611-003	Fenwal		DSI	1	7	7	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	***
35-605611-005	Fenwal		DSI	1	10	10	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	***
35-605611-103	Fenwal		DSI	1	7	7	15	15	0	0	0	0	Remote	HARD LOCKOUT	60	***
35-605611-113	Fenwal		DSI	1	7	7	15	15	15	15	0	0	Remote	HARD LOCKOUT	60	***

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## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			545	19n	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	All-Spark	OEM
35-605611-201	Fenwal		DSI	1	4	4	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	***
35-605616-111	Fenwal		DSI	3	4	4	15	15	15	15	0	0	Remote	HARD LOCKOUT	60	***
35-605620-005	Fenwal		DSI	1	10	10	0	0	0	0	30	30	Local	HARD LOCKOUT	60	***
35-605621-005	Fenwal		DSI	1	10	10	0	0	0	0	30	30	Remote	HARD LOCKOUT	60	***
35-605626-221	Fenwal		DSI	3	4	4	30	30	30	30	30	30	Remote	HARD LOCKOUT	60	***
35-605626-223	Fenwal		DSI	3	7	7	30	30	30	30	30	30	Remote	HARD LOCKOUT	60	***
35-605630-101	Fenwal		DSI	1	4	4	15	15	0	0	60	30	Local	HARD LOCKOUT	60	***
35-605631-003	Fenwal		DSI	1	7	7	0	0	0	0	60	30	Remote	HARD LOCKOUT	60	***
35-605631-101	Fenwal		DSI	1	4	4	15	15	0	0	60	30	Remote	HARD LOCKOUT	60	***
35-605635-113	Fenwal		DSI	3	7	7	15	15	15	15	0	0	Local	HARD LOCKOUT	60	Disable
35-605903-223	Fenwal / Lennox	80K12	DSI	1	7	7	30	30	30	30	0	0	***	HARD LOCKOUT	60	Disable
35-605906-115	Fenwal		DSI	3	10	10	15	15	15	15	0	0	Remote	HARD LOCKOUT	60	***
35-605907-113	Fenwal		DSI	***	7	7	15	15	15	15	0	0	***	HARD LOCKOUT	60	***
35-605908-113	Fenwal		DSI	***	7	7	15	15	15	15	0	0	***	HARD LOCKOUT	60	***
35-605912-553	Fenwal	2460D 912-553, 05-299012-553, 356589-2	DSI	1	7	7	5	15	5	15	0	0	***	HARD LOCKOUT	60	Disable
35-605918-113	Fenwal		DSI	***	7	7	15	15	15	15	0	0	***	HARD LOCKOUT	60	***
35-605919-113	Fenwal		DSI	***	7	7	15	15	15	15	0	0	***	HARD LOCKOUT	60	***
35-605924-113	Fenwal / York	S1-37323884001	DSI	***	7	7	15	15	15	15	0	0	***	HARD LOCKOUT	60	Disable
35-605939-337	Fenwal / Roberts Gordon	90439500	DSI	***	15	15	45	45	45	45	0	0	***	HARD LOCKOUT	60	Disable
35-605942-013	Fenwal / American Dryer	128937	DSI	1	8	7	15	15	15	15	0	0	***	HARD LOCKOUT	60	Disable

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## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			545	19n	64	64	Pr-E	Int	PSt	FLS	Aut	Ind				
			OEM + All-Spark	OEM + All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM + All-Spark	OEM	All-Spark	OEM + All-Spark
35-605950-015	Fenwal / Georgia Poultry (GRO)	30632030	DSI	1	10	10	0	0	15	15	0	0	***	HARD LOCKOUT	60	Disable
35-605959-223	Fenwal / Lennox	102186-01	DSI	***	7	7	30	30	30	30	0	0	***	HARD LOCKOUT	60	Disable
35-605967-003	Fenwal		DSI	3	7	7	0	0	0	0	0	0	***	HARD LOCKOUT	60	Disable
35-6087D1-004	Fenwal		DSI	1	6	7	0	0	0	0	0	0	***	HARD LOCKOUT	60	Disable
35-60J106-021	Fenwal		DSI	3	4	4	0	0	30	30	0	0	Remote	HARD LOCKOUT	60	Disable
35-60J106-224	Fenwal		DSI	3	8	7	30	30	30	30	0	0	***	HARD LOCKOUT	60	Disable
35-615221-001	Fenwal		DSI	1	4	4	0	0	30	30	30	30	***	HARD LOCKOUT	60	Disable
35-615506-223	Fenwal		DSI	3	7	7	30	30	30	30	0	0	Remote	HARD LOCKOUT	60	***
35-615516-111	Fenwal		DSI	3	4	4	15	15	15	15	0	0	Remote	HARD LOCKOUT	60	Enable
35-615526-115	Fenwal		DSI	3	10	10	15	15	15	15	30	30	Remote	HARD LOCKOUT	60	Enable
35-615526-223	Fenwal		DSI	3	7	7	30	30	30	30	30	30	***	HARD LOCKOUT	60	Disable
35-615526-227	Fenwal / Hot Rocks	EL02-0165	DSI	3	15	15	30	30	30	30	30	30	***	HARD LOCKOUT	60	Disable
35-615800-227	Fenwal		DSI	1	15	15	30	30	30	30	0	0	Local	HARD LOCKOUT	60	***
35-615908-223	Fenwal / Lennox	10J58, T6-2102	DSI	3	7	7	30	30	30	30	0	0	***	HARD LOCKOUT	60	Disable
35-615910-225	Fenwal / York	031-01283-000	DSI	1	10	10	30	30	30	30	0	0	***	HARD LOCKOUT	60	Disable
35-615922-125	Fenwal		DSI	***	10	10	15	15	30	30	***	***	***	HARD LOCKOUT	60	Enable
35-615926-203	Fenwal		DSI	3	7	7	30	30	0	0	30	30	***	HARD LOCKOUT	60	Disable
35-615929-103	Fenwal		DSI	***	7	7	15	15	0	0	30	30	Remote	HARD LOCKOUT	60	Enable
35-615939-551	Fenwal		DSI	***	4	4	0	0	0	0	60	30	***	HARD LOCKOUT	60	Disable
35-615943-921	Fenwal / Blodgett	54388 Rev. C	DSI	1	4	4	4	15	30	30	***	***	***	HARD LOCKOUT	60	Disable

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## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			545	19n	64	PrE	Int	PSt	FLS	Aut	Ind					
			OEM + All-Spark	OEM + All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM + All-Spark	OEM	All-Spark	OEM + All-Spark
35-630200-007	Fenwal / Middleby	42810-0114, 27161-0005, 27161-0004, 60102602	IP	1	90	90	0	0	15	15	0	0	Local	HARD LOCKOUT	60	N/A
35-630201-005	Fenwal / Middleby	62341	IP	1	60	60	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	N/A
35-630501-007	Fenwal		IP	1	90	90	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	N/A
35-630501-103	Fenwal		IP	1	30	30	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	N/A
35-630901-017	Fenwal		IP	1	90	90	0	0	15	15	0	0	Remote	HARD LOCKOUT	60	N/A
35-630906-229	Fenwal		IP	3	4	4	30	30	30	30	0	0	Remote	HARD LOCKOUT	60	N/A
35-63J101-015	Fenwal		IP	1	50	60	0	0	15	15	0	0	Remote	HARD LOCKOUT	60	N/A
35-63J103-117	Fenwal		IP	1	85	90	15	15	15	15	0	0	Remote	HARD LOCKOUT	60	N/A
35-63J900-415 / 35-63J101-415	Fenwal / Blodgett	20348	IP	1	50	60	4	15	15	15	0	0	Local	HARD LOCKOUT	60	N/A
50D49-350	White-Rodgers		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
50D49-360	White-Rodgers		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
50D49-361	White-Rodgers		IP	Cont.	90	90	30	30	0	0	0	0	***	5	5	N/A
50D49-401	White-Rodgers		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
780-001	Robertshaw		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
780-002	Robertshaw		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
780-003	Robertshaw		IP	Cont.	90	90	30	30	0	0	0	0	***	5	5	N/A
780-715	Robertshaw		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
780-735	Robertshaw		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
780-736	Robertshaw		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
780-737	Robertshaw		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
780-845	Robertshaw		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
CSA35A-617R	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
CSA35A-618R	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
CSA42A-600R	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
CSA42A-601R	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
CSA42A-602R	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
CSA42A-603R	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
CSA42A-604R	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A

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## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			545	19n	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM + All-Spark	OEM
CSA43A-600R	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
CSA44A-600R	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
CSA45A-601R	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
CSA45A-602R	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
CSA46A-600R	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
CSA48A-600R	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
CSA49A-600R	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
CSA49A-605R	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
CSA51A-601R	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
CSA52A-600R	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G600AX-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G600AX-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G600AX-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G600AY-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G600LX-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G600LX-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G600LY-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G600MX-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G600NX-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G600RX-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60AAA-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60AAG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60AAG-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60AAG-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60AAG-4	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60AAG-5	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60AAG-6	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60AAG-7	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CAA-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CAA-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CAG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CAG-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CAG-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CAG-4	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A

# 50D50U-843

## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			SYS	Ign	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	FLS	OEM
G60CAG-5	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CAG-6	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CAG-7	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CAG-8	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CAG-9	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBA-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBA-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBA-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBG-10	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBG-11	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBG-12	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBG-13	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBG-14	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBG-15	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBG-16	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBG-17	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBG-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBG-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBG-4	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBG-5	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBG-6	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBG-7	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBG-8	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CBG-9	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CCA-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CCG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60CPG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60DBG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60DCG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60DCG-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60DCG-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60DCG-4	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60PAG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A



# 50D50U-843

## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			SYS	Ign	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	FLS	OEM
G60PAG-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60PAG-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60PAG-4	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60PAG-5	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60PAG-6	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60PAJ-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60PAK-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60PAK-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60PFH-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60PFH-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60PFL-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60PFQ-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60PVL-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QAG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QAG-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QAG-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QAG-4	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QAK-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QBG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QBG-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QBG-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QBG-4	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QBG-5	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QBG-6	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QBG-7	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QBG-8	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QBG-9	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QBH-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QBK-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QBK-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QBK-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QBL-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QBL-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QCG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A

# 50D50U-843

## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			SYS	Ign	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	FLS	OEM
G60QCJ-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QCL-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QDG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QFL-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QGH-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QHL-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QHL-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QJL-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QLG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QLK-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QPL-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QRH-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QRH-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QRH-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QRL-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QRL-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QRL-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QSL-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QTH-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60QTL-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60RAG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60RAK-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60RBG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60RBG-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60RBG-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60RBK-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60RBK-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60RCG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60RCG-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60RCJ-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60RDG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60RDK-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60RGL-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60RHL-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A

# 50D50U-843

## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			545	19n	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM + All-Spark	OEM
G60RHP-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60RPL-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60RSL-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60TTL-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60ZAG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G60ZAG-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BBG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BBG-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BBG-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BBG-4	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BBG-5	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BBG-6	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BBG-7	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BBG-8	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BBM-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BBM-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BBM-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BBM-4	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BCG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BCM-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BFG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BFM	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BKG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BKG-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BKG-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BKM-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BKM-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BKM-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BLG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65BLG-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65DBG	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65DBM-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65DBM-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65DBM-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A

# 50D50U-843

## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			545	19n	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM + All-Spark	OEM
G65DCM-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65DFG	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65DFM-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65DKG	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65DKM	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65DKM-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65DLM-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65FBG	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65FFG	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G65FKG	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G66AG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G66AG-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G66BG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G66MG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G66MG-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G66NG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G670AW-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G670AW-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G670GA-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G67AG-10	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G67AG-11	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G67AG-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G67AG-4	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G67AG-7	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G67AG-8	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G67AG-9	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G67BG-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G67BG-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G67BG-4	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G67BG-5	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G67MG-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G67MG-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G67MG-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G67MG-4	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A

# 50D50U-843

## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			S45	19n	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	FLS	OEM
G67NG-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G67NG-4	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
G770LGA-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770LGA-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770LGC-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770LGC-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770LGC-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770LGC-4	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770LHA-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770LHA-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770LHC-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770MGA-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770MGA-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770MGA-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770MGC-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770MGC-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770MGC-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770MGC-4	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770MGC-5	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770MGC-6	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770MHA-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770MHA-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770MHC-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770NGA-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770NGC-4	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770NGC-5	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770NGC-6	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770NGC-7	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770NHA-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770NHC-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770RGA-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770RHA-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G770RHA-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
G775RGA-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A

# 50D50U-843

## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			SYS	Ign	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM + All-Spark	OEM
G775RHA-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
G775RHA-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
G779	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
IPI-24-00	Camstat		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
S8600A1001	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
S8600B1009	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
S8600B1025	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Remote	5	5	N/A
S8600B3005	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Remote	5	5	N/A
S8600B3013	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
S8600C1015	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
S8600C3003	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
S8600F1000	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8600F1034	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8600F1042	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8600H1006	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8600H1014	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Local	5	5	N/A
S8600H1022	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8600H1048	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8600H1055	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8600H1063	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Local	5	5	N/A
S8600H1071	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8600H1089	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8600H1097	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8600H1105	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8600H3002	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8600H3010	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Local	5	5	N/A
S8600M1005	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8600M1013	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8600M1021	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8600M2003	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8600M3001	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8600M4009	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S860C1000	Honeywell		IP	Cont.	90	90	30	30	0	0	0	0	Remote	5	5	N/A
S860D1009	Honeywell		IP	Cont.	90	90	30	30	0	0	0	0	***	5	5	N/A

# 50D50U-843

## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			SYS	IGN	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM + All-Spark	OEM
S860D1017	Honeywell		IP	Cont.	15	15	30	30	0	0	0	0	***	5	5	N/A
S8610A1009	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
S8610B1007	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
S8610B1015	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
S8610B1023	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Remote	5	5	N/A
S8610B3003	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Remote	5	5	N/A
S8610C1005	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
S8610C1013	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
S8610C3001	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
S8610F1008	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8610F1016	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8610F1024	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8610F1032	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8610H1004	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Local	5	5	N/A
S8610H1012	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8610H1012	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8610H1020	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Local	5	5	N/A
S8610H1038	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8610H1046	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8610H1053	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8610H1061	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Local	5	5	N/A
S8610H1079	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8610H1095	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8610H3000	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8610H3018	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Local	5	5	N/A
S8610H3026	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8610M1003	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8610M1011	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Local	5	5	N/A
S8610M1029	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8610M3009	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S8610M3017	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Local	5	5	N/A
S8610U1003	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
S8610U1011	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
S8610U3009	Honeywell	View Existing Control's Manual for Dipswitch Configuration	IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A



# 50D50U-843

## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			SYS	Ign	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM + All-Spark	OEM
S8620C1003	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Remote	5	5	N/A
S8620C1011	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Remote	5	5	N/A
S8620H1002	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
S8620H1002	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
S8620H1010	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	***	5	5	N/A
S8620H1028	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
S8620H1028	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
S8660D1002	Honeywell		IP	Cont.	90	90	30	30	0	0	0	0	Remote	5	5	N/A
S8660D1010	Honeywell		IP	Cont.	15	15	30	30	0	0	0	0	Remote	5	5	N/A
S8660J1008	Honeywell		IP	Cont.	90	90	30	30	0	0	0	0	Remote	5	5	N/A
S8660J1016	Honeywell		IP	Cont.	90	90	30	30	0	0	0	0	Remote	5	5	N/A
S8660J1024	Honeywell		IP	Cont.	90	90	30	30	0	0	0	0	Remote	5	5	N/A
S8660K1006	Honeywell		IP	Cont.	90	90	30	30	0	0	0	0	Local	5	5	N/A
S8660K1014	Honeywell		IP	Cont.	90	90	30	30	0	0	0	0	Local	5	5	N/A
S8660K1022	Honeywell		IP	Cont.	90	90	30	30	0	0	0	0	Local	5	5	N/A
S8670D1000	Honeywell		IP	Cont.	90	90	30	30	0	0	0	0	Remote	5	5	N/A
S8670D1018	Honeywell		IP	Cont.	90	90	30	30	0	0	0	0	Remote	5	5	N/A
S8670D1026	Honeywell		IP	Cont.	15	15	30	30	0	0	0	0	Remote	5	5	N/A
S8670D3006	Honeywell		IP	Cont.	15	15	30	30	0	0	0	0	Remote	5	5	N/A
S8670D3014	Honeywell		IP	Cont.	90	90	30	30	0	0	0	0	Remote	5	5	N/A
S8670E1007	Honeywell		IP	Cont.	90	90	30	30	0	0	0	0	Local	5	5	N/A
S8670E3003	Honeywell		IP	Cont.	90	90	30	30	0	0	0	0	Local	5	5	N/A
S8670J3002	Honeywell		IP	Cont.	15	15	30	30	0	0	0	0	Remote	5	5	N/A
S8670J3010	Honeywell		IP	Cont.	90	90	30	30	0	0	0	0	Remote	5	5	N/A
S8670K3000	Honeywell		IP	Cont.	90	90	30	30	0	0	0	0	Local	5	5	N/A
S8680J1004	Honeywell		IP	Cont.	15	15	30	30	0	0	0	0	Remote	5	5	N/A
S86A1001	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86A1019	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86A1027	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86A1035	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86B1009	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86B1017	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86B1025	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86C1007	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A

# 50D50U-843

## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			S45	19n	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM + All-Spark	OEM
S86C1015	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86C1023	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Local	5	5	N/A
S86C1031	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86C1049	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86C1056	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86D1005	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86D1013	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Local	5	5	N/A
S86D1021	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86E1002	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86E1010	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86E1028	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86E1036	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86E1044	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86E1051	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86E1069	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86E1077	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86E1101	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86E1119	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86E1127	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86F1000	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86F1018	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86F1026	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86F1042	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86F1059	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86F1067	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86F1075	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86F1083	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86F1091	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86G1008	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86G1016	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86G1024	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Local	5	5	N/A
S86G1032	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86G1057	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86G1073	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A

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## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			SYS	IGN	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	FLS	OEM
S86H1006	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86H1014	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Local	5	5	N/A
S86H1022	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86H1048	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86H1055	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86H1063	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Local	5	5	N/A
S86H1089	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86H1097	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86H1105	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86H1113	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Local	5	5	N/A
S86H1121	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86H1121	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S86H1139	Honeywell		IP	Cont.	15	15	0	0	0	0	0	0	Local	5	5	N/A
S86H1147	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Local	5	5	N/A
S87B1008	Honeywell		DSI	1	6	7	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
S87B1016	Honeywell		DSI	1	11	11	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
S87B1024	Honeywell		DSI	1	21	21	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
S87B1065	Honeywell		DSI	1	4	4	0	0	0	0	0	0	Local	HARD LOCKOUT	60	Disable
S87C1006	Honeywell		DSI	1	6	7	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
S87C1014	Honeywell		DSI	1	11	11	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
S87C1030	Honeywell		DSI	1	21	21	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
S87D1004	Honeywell		DSI	1	6	7	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
S87D1012	Honeywell		DSI	1	11	11	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
S87D1020	Honeywell		DSI	1	4	4	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
S87D1038	Honeywell		DSI	1	21	21	0	0	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
S87J1026	Honeywell		DSI	1	11	11	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable

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## Cross Reference Timings

PART NUMBER	MANUFACTURER / APPLIANCE OEM	OEM PART NUMBERS / SPECIAL COMMENTS	IGNITION TYPE	TRIES FOR IGNITION	TRIAL FOR IGNITION (SEC.)		PRE-PURGE (SEC.)		INTER-PURGE (SEC.)		POST-PURGE (SEC.)		SENSE	AUTO RESTART TIME (MIN.)		IND/PSW
			S45	19n	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM	All-Spark	OEM + All-Spark	OEM
S87J1034	Honeywell		DSI	1	21	21	30	30	0	0	0	0	Local	HARD LOCKOUT	60	Disable
S87K10016	Honeywell		DSI	1	6	7	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
S87K1008	Honeywell		DSI	1	4	4	30	30	0	0	0	0	Remote	HARD LOCKOUT	60	Disable
S90A1005	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
S90B1003	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
S90B1011	Honeywell		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
SP715	Robertshaw		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
SP715A	Robertshaw		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
SP735	Robertshaw		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
SP735D	Robertshaw		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
SP735L	Robertshaw		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
USI715U	Robertshaw		IP	Cont.	90	90	0	0	0	0	0	0	***	5	5	N/A
Y79ABC-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
Y79ABC-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
Y79ABC-3	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
Y79ABC-4	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
Y79ABC-5	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
Y79ABC-6	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
Y79ABC-7	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
Y79ABCD-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
Y79ABD-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
Y79BBA-1	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A
Y79BBA-2	Johnson Controls		IP	Cont.	90	90	0	0	0	0	0	0	Remote	5	5	N/A

