

# SERVICE INFORMATION LETTER

Contains Useful Information Pertaining To Your Aircraft Engine

## SIL 03-2A

Technical Portions FAA  
Approved  
Supersedes M85-7

**Reason For**

Revision : Correction to engine / spark plug application Table 2 and 3.

**SUBJECT: CURRENTLY ACTIVE APPROVED SPARK PLUG APPLICATION**

**PURPOSE:** Provide listing of currently approved spark plugs for TCM Engines

**COMPLIANCE:** As Required when replacing spark plugs.

**MODELS**

**AFFECTED: ALL**

**GENERAL INFORMATION:**

The following Tables number 1, 2, 3, and 4 list the most commonly used spark plugs by engine model. Additional listings of approved spark plugs may be found in the engine's FAA Type Certificate Data Sheet and the spark plug manufacturer's data.

Refer to the spark plug manufacturer's data for spark plug servicing information and required specialized tools. Spark plugs must be removed, cleaned, inspected, gapped and position rotated every 100 hours. Refer to Chart 1 for spark plug rotation sequence. Always install a new spark plug gasket when servicing spark plugs or installing new spark plugs. Chart 2 provides spark plug electrode gap specifications using an alpha code referenced in Table 1, 2 and 3.

**CAUTION:** Failure to install a new spark plug gasket each time the spark plug (s) are installed may result in incomplete sealing of the combustion chamber, loss of spark plug heat transfer, spark plug over heating, possible pre-ignition / detonation and internal engine damage.

**GENERAL INSTALLATION PROCEDURES:**

In the event spark plug manufacturer's instructions are not available the following procedure may be used.

1. Always install spark plugs with new copper gasket.
2. Sparingly apply anit-seize to the spark plug threads. DO NOT APPLY ANTI-SEIZE TO THE FIRST THREAD.
3. Always use a six point deep socket.
4. Thread spark plug by hand into cylinder to within one or two threads of the gasket. If this is not possible, cylinder head threads or spark plug threads need to be cleaned.
5. Torque spark plugs to 300 to 360 inch pounds using a currently calibrated torque wrench.
6. Handle spark plug leads with clean, dry hands.

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7. Before installing the spark plug lead connector, wipe it clean using a lint-free cloth moistened with MEK, acetone, wood alcohol or naphtha.
8. Ensure that inside of spark plug barrel is clean and dry.
9. Insert spark plug lead connector into spark plug barrel with fingers in a straight line with the spark plug.
10. Screw connector nut into place until finger tight.
11. Tighten an additional 1/8 turn with the correct size open end wrench while holding the spark plug lead ferrule stationary.

**WARNING: DO NOT INSTALL OR USE ANY SPARK PLUG THAT HAS BEEN DROPPED OR HAS ANY MECHANICAL DAMAGE.**

Chart 1  
SPARK PLUG ROTATION CHARTS

6 CYLINDER ENGINE  
SPARK PLUG ROTATION

FROM CYLINDER NUMBER	TO CYLINDER NUMBER
1 TOP	6 BOTTOM
1 BOTTOM	6 TOP
2 TOP	5 BOTTOM
2 BOTTOM	5 TOP
3 TOP	4 BOTTOM
3 BOTTOM	4 TOP
4 TOP	3 BOTTOM
4 BOTTOM	3 TOP
5 TOP	2 BOTTOM
5 BOTTOM	2 TOP
6 TOP	1 BOTTOM
6 BOTTOM	1 TOP

4 CYLINDER ENGINE  
SPARK PLUG ROTATION

FROM CYLINDER NUMBER	TO CYLINDER NUMBER
1 TOP	4 BOTTOM
1 BOTTOM	4 TOP
2 TOP	3 BOTTOM
2 BOTTOM	3 TOP
3 TOP	2 BOTTOM
3 BOTTOM	2 TOP
4 TOP	1 BOTTOM
4 BOTTOM	3 TOP

CHART 2  
SPARK PLUG ELECTRODE GAP

SPARK PLUG GAP CHART	
GAP CODE	ELECTRODE GAP
A	.015 - .018
B	.016 - .021
C	.017 - .020
D	.018 - .021
E	.019 - .022
①	NO GAP AVAILABLE

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TABLE 1  
SPARK PLUG APPLICATION

MANUFACTURER	AUBURN SPARK PLUG CO. - AC SPARK PLUG CO.														SPITFIRE SERIES				SMITH INDUSTRIES									
SPARK PLUG MANUFACTURER PART NUMBER	HSR-86	HSR-83 P	HSR-93	HSR-88	A-88	SR-83 P	SR-93	SR-87	HSR-87	AC-271	AC-273	AC-291	AC-281	AC-283	AC-293	273	HSR-86	SR-87	HSR-87	HSR-88	RSH35-8R/1	RSH101R	RSH35-8R	RSE23-3R	RSH23-3R	RSE35-8R/1	RSE23-3R/1	RSH23-3R/1
TCM Part Number	626364	626363	635861	626362	539432	625350	635862	627449	627450	63532	630533	635589	632738	632740	635860	649910	649912	649913	649914	649915	646090	639609	641977	642097	642098	646089	646091	646092
BARREL SIZE	3/4 -20	3/4 -20	3/4 -20	3/4 -20	5/8 -24	5/8 -24	5/8 -24	5/8 -24	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20	5/8 -24	3/4 -20	3/4 -20	3/4 -20	3/4 -20	5/8 -24	3/4 -20	5/8 -24	5/8 -24	5/8 -24	3/4 -20
Recommended Electrode Gap	A	A	A	E	E	A	A	E	E	A	A	A	A	A	A	A	A	E	E	E	C	D	C	C	C	C	C	C
A-40; A-50			X	X	X															X								
A-65; A-75			X	X	X															X			X	X		X	X	
A-80			X	X	X															X								
A-100																				X								
W-670; R-670		X	X	X	X	X	X	X	X									X	X	X				X	X		X	X
C-75; C-85		X	X	X	X	X	X													X				X	X		X	X
C-90		X	X	X	X	X	X													X				X	X		X	X
O-200-A,B,C		X	X	X	X	X	X													X				X	X		X	X
C-115; C-125		X	X	X	X	X	X													X				X	X		X	X
C-145; O-300-A,B,C,D		X	X	X	X	X	X											X	X	X				X	X		X	X
GO-300-A,B,C,D,E,F		X				X	X	X	X															X	X		X	X
E-165; E-185		X	X	X	X	X	X													X				X	X		X	X
E-225		X	X	X	X	X	X													X				X	X		X	X
O-470-2	X																X							X	X		X	X
O-470-4,11,13,13A,15		X	X	X		X	X													X				X	X		X	X


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TABLE 1  
SPARK PLUG APPLICATION (Continued)

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SPARK PLUG MANUFACTURER PART NUMBER	HSR-86	HSR-83 P	HSR-93	HSR-88	A-88	SR-83 P	SR-93	SR-87	HSR-87	AC-271	AC-273	AC-291	AC-281	AC-283	AC-293	273	HSR-86	SR-87	HSR-87	HSR-88	RSH35-8R/1	RSH101R	RSH35-8R	RSE23-3R	RSH23-3R	RSE35-8R/1	RSE23-3R/1	RSH23-3R/1
TCM Part Number	626364	626363	635861	626362	539432	625350	635862	627449	627450	63532	630533	635589	632738	632740	635860	649910	649912	649913	649914	649915	646090	639609	641977	642097	642098	646089	646091	646092
BARREL SIZE	3/4 -20	3/4 -20	3/4 -20	3/4 -20	5/8 -24	5/8 -24	5/8 -24	5/8 -24	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20	5/8 -24	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20	5/8 -24	3/4 -20	5/8 -24	5/8 -24	3/4 -20
Recommended Electrode Gap	A	A	A	E	E	A	A	E	E	A	A	A	A	A	A	A	A	E	E	E	C	D	C	C	C	C	C	C
IO-550-A,B,C,D,E,F,L,N,P,R TSIO-550-A,B,C,E IOF-550-B,C,D,E,F,L,N,P,R																												
O-470-A,E,J,K,L,R,S		X	X	X	X	X	X	X	X									X	X	X				X	X		X	X
O-470-B,G,H,M,N,P	X	X	X			X	X	X	X								X	X	X					X	X		X	X
IO-470-C,G,R,P,T		X	X			X	X	X	X								X	X	X					X	X		X	X
O-470-U,T IO-470-D,E,F,H,L,M,N,S,U,V											X	X	X	X	X	X					X		X			X		
FSO-470-A																												
FSO-526-A,C																					X		X			X		
GSO-526-A																												
IO-470-J,K		X	X	X	X	X	X													X				X	X		X	X
IO-360-A,AB,C,CB,D,DB,E,ES, G,GB,H,HB,J,JB,K,KB	X	X	X			X	X										X							X	X		X	X
TSIO-470-B,C,D										X	X	X	X	X	X	X					X	X				X		
GIO-470-A										X	X	X	X	X	X	X									X			X
IO-346-A,B		X	X	X		X	X	X	X									X	X					X	X		X	X
LIO-470-A	X	X	X			X	X	X	X								X	X	X					X	X		X	X


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	HSR-86	HSR-83 P	HSR-93	HSR-88	A-88	SR-83 P	SR-93	SR-87	HSR-87	AC-271	AC-273	AC-291	AC-281	AC-283	AC-293	273	HSR-86	SR-87	HSR-87	HSR-88	RSH35-8R/1	RSH101R	RSH35-8R	RSE23-3R	RSH23-3R	RSE35-8R/1	RSE23-3R/1	RSH23-3R/1
SPARK PLUG MANUFACTURER PART NUMBER	626364	626363	635861	626362	539432	625550	635862	627449	627450	63532	630533	635589	632738	632740	635860	649910	649912	649913	649914	649915	646090	639609	641977	642097	642098	646089	646091	646092
TCM Part Number	3/4 -20	3/4 -20	3/4 -20	3/4 -20	5/8 -24	5/8 -24	5/8 -24	5/8 -24	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20	5/8 -24	3/4 -20	3/4 -20	3/4 -20	5/8 -24	3/4 -20	5/8 -24	5/8 -24	5/8 -24	5/8 -24	3/4 -20
BARREL SIZE	A	A	A	E	E	A	A	E	E	A	A	A	A	A	A	A	A	E	E	E	C	D	C	C	C	C	C	C
Recommended Electrode Gap										X	X	X	X	X	X	X					X		X			X		
IO-520-A,B,BA,BB,C,CB,D,,F, J,K,L,M,MB,N,NB LIO-520-P																												
IO-360-B		X	X			X	X													X			X	X		X	X	
L/TSIO-520-B,C,D,DB,E,EB,G, H,J,JB,K,KB,L,LB,M,N,NB,P, R,T,U,UB,VB,WB,AE,BE,CE											X			X	X	X					X		X			X		
GTSIO-520-,D,F,G,H,K,L,M,N											X			X	X	X					X		X			X		
TSIO-360-A,B	X	X	X														X							X	X		X	X
6-285-B,C,BA,CA 6-320-B & T6-320-A																						X						
L/TSIO-360-A,AB,B,BB,C,CB, D,DB, E,EB,F,FB,G,GB,H,HB, JB,KB,LB,MB,RB,SB	X	X	X														X						X	X		X	X	
TSIOL-550-A																												
TSIOL-550-B																												
TSIOL-550-C																												
IO-240-A,B; IOF-240-B																												


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TABLE 2  
SPARK PLUG APPLICATION

MANUFACTURER	B. G. CORPORATION													CHAMPION SPARK PLUG COMPANY																
	BG-482	BG-417	BG-706 S	BG-SU485	BG-707 SR	BG-613S	BG-707S	RB-485S	BG-706	BG-706R	BG-706SR	BG-919SR	BG-919SRS	BG-RB955S	REM40E	REM37BY	RHM40E	M4E	RHB32E	RHB37E	RHM38E	REM38E	RHU27E	REM38S	RHM38S	RHB36S	RHB32S	RHU32E	RHU32S	
SPARK PLUG MANUFACTURER PART NUMBER	BG-482	BG-417	BG-706 S	BG-SU485	BG-707 SR	BG-613S	BG-707S	RB-485S	BG-706	BG-706R	BG-706SR	BG-919SR	BG-919SRS	BG-RB955S	REM40E	REM37BY	RHM40E	M4E	RHB32E	RHB37E	RHM38E	REM38E	RHU27E	REM38S	RHM38S	RHB36S	RHB32S	RHU32E	RHU32S	
TCM Part Number	2305	N/A	530203	20902	520129	520128	520119	530574	530170	530744	530204	626296	627341	627342	627643	655707	627978	635149	634675	N/A	630049	628325	636344	646629	646630	646631	646632	654708	654709	
BARREL SIZE	UNSHLD	UNSHLD	5/8 24	UNSHLD	5/8 24	5/8 24	5/8 24	5/8 24	UNSHLD	5/8 24	5/8 24	5/8 24	5/8 24	3/4 -20	5/8 24	5/8 24	3/4 -20	UNSHLD	3/4 -20	3/4 -20	3/4 -20	5/8 24	3/4 -20	5/8 24	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20	
Recommended Electrode Gap	①	①	①	①	①	①	①	①	①	①	①	①	①	①	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
A-40; A-50	X	X	X						X	X					X	X	X	X												
A-65; A-75	X	X	X					X	X	X	X			X	X	X	X	X						X	X					
A-80	X	X	X						X						X	X	X	X												
A-100																		X												
W-670; R-670	X		X	X				X					X	X	X	X	X	X						X	X					
C-75; C-85			X					X	X	X	X		X	X	X	X	X	X						X	X					
C-90			X					X	X	X	X		X	X	X	X	X	X						X	X					
O-200-A,B,C			X					X	X				X	X	X	X	X	X						X	X					
C-115; C-125			X					X	X		X		X	X	X	X	X	X						X	X					
C-145; O-300-A,B,C,D			X					X	X				X	X	X	X	X	X				X		X	X					
GO-300-A,B,C,D,E,F								X					X	X	X	X	X				X	X		X	X					
E-165; E-185			X		X	X		X	X		X		X	X	X	X	X	X						X	X					
E-225			X					X	X		X		X	X	X	X	X	X						X	X					
O-470-2																						X	X		X	X				
O-470-4,11,13,13A,15			X					X			X	X	X	X	X		X							X	X					


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SPARK PLUG APPLICATION (Continued)

MANUFACTURER	B. G. CORPORATION												CHAMPION SPARK PLUG COMPANY																
SPARK PLUG MANUFACTURER PART NUMBER	BG-482	BG-417	BG-706 S	BG-SU485	BG-707 SR	BG-613S	BG-707S	RB-485S	BG-706	BG-706R	BG-706SR	BG-919SR	BG-919RS	BG-RB955S	REM40E	REM37BY	RHM40E	M41E	RHB32E	RHB37E	RHM38E	REM38E	RHU27E	REM38S	RHM38S	RHB36S	RHB32S	RHU32E	RHU32S
TCM Part Number	2305	N/A	530203	20902	520129	520128	520119	530574	530170	530744	530204	626296	627341	627342	627643	655707	627978	635149	634675	N/A	630049	630049	636344	646629	646630	646631	646632	654708	654709
BARREL SIZE	UNSHLD	5/8 -24	UNSHLD	UNSHLD	5/8 -24	5/8 -24	5/8 -24	5/8 -24	UNSHLD	5/8 -24	5/8 -24	5/8 -24	5/8 -24	3/4 -20	5/8 -24	5/8 -24	3/4 -20	UNSHLD	3/4 -20	3/4 -20	5/8 -24	5/8 -24	3/4 -20	5/8 -24	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20
Recommended Electrode Gap	①	①	①	①	①	①	①	①	①	①	①	①	①	①	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
IO-550-A,B,C,D,E,F,L,N,P,R TSIO-550-A,B,C,E IOF-550-B,C,D,E,F,L,N,P,R																			X							X	X		
O-470-A,E,J,K,L,R,S			X					X				X	X	X	X		X							X	X				
O-470-B,G,H,M,N,P								X						X	X		X				X	X		X	X				
IO-470-C,G,R,P,T															X		X				X	X		X	X	X			
O-470-U,T IO-470-D,E,F,H,L,M,N,S,U,V																			X					X		X	X		
FSO-470-A																													
FSO-526-A,C			X					X				X	X	X						X						X			
GSO-526-A																				X									
IO-470-J,K															X		X							X	X				
IO-360-A,AB,C,CB,D,DB,E,G, GB,H,HB,J,JB,K,KB																					X	X		X	X				
TSIO-470-B,C,D																			X							X	X		
GIO-470-A																			X							X	X		
IO-346-A,B															X		X				X	X		X	X				
LIO-470-A																	X					X		X	X				


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	BG-482	BG-417	BG-706 S	BG-SU485	BG-707 SR	BG-613S	BG-707S	RB-485S	BG-706	BG-706R	BG-706SR	BG-919SR	BG-919SRS	BG-RB955S	REM40E	REM37BY	RHM40E	M41E	RHB32E	RHB37E	RHM38E	REM38E	RHU27E	REM38S	RHM38S	RHB36S	RHB32S	RHU32E	RHU32S	
SPARK PLUG MANUFACTURER PART NUMBER	BG-482	BG-417	BG-706 S	BG-SU485	BG-707 SR	BG-613S	BG-707S	RB-485S	BG-706	BG-706R	BG-706SR	BG-919SR	BG-919SRS	BG-RB955S	REM40E	REM37BY	RHM40E	M41E	RHB32E	RHB37E	RHM38E	REM38E	RHU27E	REM38S	RHM38S	RHB36S	RHB32S	RHU32E	RHU32S	
TCM Part Number	2305	N/A	530203	20902	520129	520128	520119	530574	530170	530744	530204	626296	627341	627342	627643	655707	627978	635149	634675	N/A	630049	628325	636344	646629	646630	646631	646632	654708	654709	
BARREL SIZE	UNSHLD	UNSHLD	5/8 -24	UNSHLD	5/8 -24	5/8 -24	5/8 -24	5/8 -24	UNSHLD	5/8 -24	5/8 -24	5/8 -24	5/8 -24	3/4 -20	5/8 -24	5/8 -24	3/4 -20	UNSHLD	3/4 -20	3/4 -20	5/8 -24	5/8 -24	3/4 -20	5/8 -24	3/4 -20	3/4 -20	3/4 -20	3/4 -20	3/4 -20	
Recommended Electrode Gap	①	①	①	①	①	①	①	①	①	①	①	①	①	①	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
IO-520-A,B,BA,BB,C,CB,D,E,F, J,K,L,M,MB,N,NB LIO-520-P																			X							X	X			
IO-360-B															X		X				X	X		X	X					
L/TSIO-520-B,C,D,DB,E,EB,G, H,J,JB,K,KB,L,LB,M,N,NB,P,R, T,U,UB,VB,WB,AE,BE,CE																			X							X	X			
GTSIO-520-C,D,F,G,H,K,L,M,N																			X						X	X				
TSIO-360-A,B																						X		X	X					
6-285-B,C,BA,CA 6-320-B & T6-320-A																							X							
L/TSIO-360-A,AB,B,BB,C, CB,D,DB, E,EB,F,FB ,G ,GB, H,HB,JB,KB,LB,MB,RB,SB																					X	X		X	X					
TSIOL-550-A																							X					X	X	
TSIOL-550-B																												X	X	
TSIOL-550-C																														X
IO-240-A,B; IOF-240-B																					X	X								


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TABLE 3  
SPARK PLUG APPLICATION

MANUFACTURER	AUTOLITE BY UNISON									RED SEAL											
	UREM40E	UREM42E	URHM40E	UREM38E	URHM38E	URHM42E	UREB37E	URHB37E	URHB32E	SA-190	SE-190	SJ-190	SE-230	SJ-230	SE-270	SJ-270	LE-310	LJ-310	LJ-630	SE-270-P	SJ-270-P
SPARK PLUG MANUFACTURER PART NUMBER	UREM40E	UREM42E	URHM40E	UREM38E	URHM38E	URHM42E	UREB37E	URHB37E	URHB32E	SA-190	SE-190	SJ-190	SE-230	SJ-230	SE-270	SJ-270	LE-310	LJ-310	LJ-630	SE-270-P	SJ-270-P
TCM Part Number	655899	655901	655914	655902	655915	655918	655904	655906	655908	632501	632503	632504	632507	632508	632511	632512	632515	632516	632520	632513	632514
BARREL SIZE	5/8 -24	5/8 -24	3/4 -20	5/8 -24	3/4 -20	3/4 -20	5/8 -24	3/4 -20	3/4 -20	UNSHLD	5/8 -24	3/4 -20	5/8 -24	3/4 -20	5/8 -24	3/4 -20	5/8 -24	3/4 -20	3/4 -20	5/8 -24	3/4 -20
Recommended Electrode Gap	B	B	B	B	B	B	B	B	B	D	D	D	D	D	A	A	A	A	A	A	A
A-40; A-50	X	X	X			X				X	X	X									
A-65; A-75	X	X	X			X				X	X	X									
A-80		X				X				X	X	X									
A-100																					
W-670; R-670	X	X	X			X					X	X	X	X							
C-75; C-85	X	X	X	X	X	X				X	X	X	X	X							
C-90	X	X	X	X	X	X				X	X	X	X	X							
O-200-A,B,C	X	X	X	X	X	X				X	X	X	X	X							
C-115; C-125	X	X	X			X				X	X	X	X	X							
C-145; O-300-A,B,C,D	X	X	X	X	X	X				X	X	X	X	X							
GO-300-A,B,C,D,E,F	X		X	X	X								X	X	X	X				X	X
E-165; E-185	X	X	X	X	X	X				X	X	X	X	X							
E-225	X	X	X	X	X	X				X	X	X	X	X							
O-470-2				X	X										X	X					
O-470-4,11,13,13A,15	X	X	X	X	X	X					X	X	X	X							


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TABLE 3  
SPARK PLUG APPLICATION (Continued)

MANUFACTURER	AUTOLITE BY UNISON									RED SEAL											
SPARK PLUG MANUFACTURER PART NUMBER	UREM40E	UREM42E	URHM40E	UREM38E	URHM38E	URHM42E	UREB37E	URHB37E	URHB32E	SA-190	SE-190	SJ-190	SE-230	SJ-230	SE-270	SJ-270	LE-310	LJ-310	LJ-630	SE-270-P	SJ-270-P
TCM Part Number	655899	655901	655914	655902	655915	655918	655904	655906	655908	632501	632503	632504	632507	632508	632511	632512	632515	632516	632520	632513	632514
BARREL SIZE	5/8 -24	5/8 -24	3/4 -20	5/8 -24	3/4 -20	3/4 -20	5/8 -24	3/4 -20	3/4 -20	UNSHLD	5/8 -24	3/4 -20	5/8 -24	3/4 -20	5/8 -24	3/4 -20	5/8 -24	3/4 -20	3/4 -20	5/8 -24	3/4 -20
Recommended Electrode Gap	B	B	B	B	B	B	B	B	B	D	D	D	D	D	A	A	A	A	A	A	A
IO-550-A,B,C,D,E,F,L,N,P,R TSIO-550-A,B,C,E IOF-550-B,C,D,E,F,L,N,P,R									X												
O-470-A,E,J,K,L,R,S	X	X	X	X	X	X					X	X	X	X							
O-470-B,G,H,M,N,P	X		X	X	X								X	X	X	X				X	X
IO-470-C,G,R,P,T	X		X	X	X										X	X				X	X
O-470-U,T IO-470-D,E,F,H,L,M,N,S,U,V									X												
FSO-470-A																					
FSO-526-A,C							X	X									X	X			
GSO-526-A																					
IO-470-J,K	X	X	X	X	X	X					X	X	X	X							
IO-360-A,AB,C,CB,D,DB,E,G, GB,H,HB,J,JB,K,KB				X	X										X	X					X
TSIO-470-B,C,D									X											X	
GIO-470-A									X											X	
IO-346-A,B	X		X	X	X				X				X	X	X	X				X	X
LIO-470-A				X	X															X	X

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TABLE 3  
SPARK PLUG APPLICATION (Continued)

MANUFACTURER	AUTOLITE BY UNISON									RED SEAL											
	UREM40E	UREM42E	URHM40E	UREM38E	URHM38E	URHM42E	UREB37E	URHB37E	URHB32E	SA-190	SE-190	SJ-190	SE-230	SJ-230	SE-270	SJ-270	LE-310	LJ-310	LJ-630	SE-270-P	SJ-270-P
SPARK PLUG MANUFACTURER PART NUMBER																					
TCM Part Number	655899	655901	655914	655902	655915	655918	655904	655906	655908	632501	632503	632504	632507	632508	632511	632512	632515	632516	632520	632513	632514
BARREL SIZE	5/8 -24	5/8 -24	3/4 -20	5/8 -24	3/4 -20	3/4 -20	5/8 -24	3/4 -20	3/4 -20	UNSHLD	5/8 -24	3/4 -20	5/8 -24	3/4 -20	5/8 -24	3/4 -20	5/8 -24	3/4 -20	3/4 -20	5/8 -24	3/4 -20
Recommended Electrode Gap	B	B	B	B	B	B	B	B	B	D	D	D	D	D	A	A	A	A	A	A	A
IO-520-A,B,BA,BB,C,CB,D,E, F,J,K,L,M,MB,N,NB LIO-520-P									X										X		
IO-360-B	X	X	X	X	X	X						X	X	X							
L/TSIO-520-B,C,D,DB,E,EB,G, H,I,JB,K,KB,L,LB,M,N,NB,P,R, T,U,UB,VB,WB,AE,BE,CE									X										X		
GTSIO-520-C,D,F,G,H,K,L,M,N									X										X		
TSIO-360-A,B				X	X										X	X				X	X
6-285-B,C,BA,CA 6-320-B & T6-320-A																					
L/TSIO-360-A,AB,B,BB,C,CB, D,DB, E,EB,F,FB,G,GB,H,HB, JB,KB,LB,MB,RB,SB				X	X										X	X				X	X
TSIOL-550-A																					
TSIOL-550-B																					
TSIOL-550-C																					
IO-240-A,B; IOF-240-B				X	X																


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TABLE 4  
SPARK PLUG APPLICATION

MANUFACTURER	BENDIX AUTO-LITE CORPORATION											
SPARK PLUG MANUFACTURER PART NUMBER	SH20A	SH15	SH200A	SH26	SH260	SH150	PH26	PH260	SL300A	SL350	PL350	H15
TCM Part Number	627892	632460	632461	632462	632463	632467	635146	635147	627991	632465	635148	632274
BARREL SIZE	5/8 -24	5/8 -24	3/4 -20	5/8 -24	3/4 -20	3/4 -20	3/4 -20	5/8 -24	3/4 -20	3/4 -20	3/4 -20	UNSHLD
Recommended Electrode Gap	A	E	A	A	A	E	A	A	A	A	A	E
A-40; A-50												
A-65; A-75	X	X										X
A-80	X	X										X
A-100		X										X
W-670; R-670	X	X										
C-75; C-85	X	X										X
C-90	X	X										X
O-200-A,B,C	X	X					X	X				X
C-115; C-125	X	X										X
C-145; O-300-A,B,C,D	X	X										X
GO-300-A,B,C,D,E,F	X						X	X				
E-165; E-185	X	X										X
E-225	X	X										X
O-470-2												
O-470-4,11,13,13A,15	X	X										

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TABLE 4  
SPARK PLUG APPLICATION (Continued)

MANUFACTURER	BENDIX AUTO-LITE CORPORATION											
SPARK PLUG MANUFACTURER PART NUMBER	SH20A	SH15	SH200A	SH26	SH260	SH150	PH26	PH260	SL300A	SL350	PL350	H15
TCM Part Number	627892	632460	632461	632462	632463	632467	635146	635147	627991	632465	635148	632274
BARREL SIZE	5/8 -24	5/8 -24	3/4 -20	5/8 -24	3/4 -20	3/4 -20	3/4 -20	5/8 -24	3/4 -20	3/4 -20	3/4 -20	UNSHLD
Recommended Electrode Gap	A	E	A	A	A	E	A	A	A	A	A	E
IO-550-A,B,C,D,E,F,L,N,P,R TSIO-550-A,B,C,E IOF-550-B,C,D,E,F,L,N,P,R											X	
O-470-A,E,J,K,L,R,S	X	X										
O-470-B,G,H,M,N,P	X						X	X				
IO-470-C,G,R,P,T							X	X				
O-470-U,T IO-470-D,E,F,H,L,M,N,S,U,V										X	X	
FSO-470-A												
FSO-526-A,C									X			
GSO-526-A												
IO-470-J,K	X	X										
IO-360-A,AB,C,CB,D,DB,E,G, GB,H,HB,J,JB,K,KB							X	X				
TSIO-470-B,C,D										X		
GIO-470-A										X		
IO-346-A,B	X	X					X	X				
LIO-470-A							X	X				



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TABLE 4  
SPARK PLUG APPLICATION (Continued)

MANUFACTURER	BENDIX AUTO-LITE CORPORATION											
SPARK PLUG MANUFACTURER PART NUMBER	SH20A	SH15	SH200A	SH26	SH260	SH150	PH26	PH260	SL300A	SL350	PL350	H15
TCM Part Number	627892	632460	632461	632462	632463	632467	635146	635147	627991	632465	635148	632274
BARREL SIZE	5/8 -24	5/8 -24	3/4 -20	5/8 -24	3/4 -20	3/4 -20	3/4 -20	5/8 -24	3/4 -20	3/4 -20	3/4 -20	UNSHLD
Recommended Electrode Gap	A	E	A	A	A	E	A	A	A	A	A	E
IO-520-A,B,BA,BB,C,CB,D,E,F, J,K,L,M,MB,N,NB LIO-520-P										X	X	
IO-360-B	X											
L/TSIO-520-B,C,D,DB,E,EB,G, H,J,JB,K,KB,L,LB,M,N,NB,P,R, T,U,UB,VB,WB,AE,BE,CE										X	X	
GTSIO-520-C,D,F,G,H,K,L,M,N										X		
TSIO-360-A,B							X	X				
6-285-B,C,BA,CA 6-320-B & T6-320-A												
L/TSIO-360-A,AB,B,BB,C,CB, D,DB, E,EB,F,FB,G,GB,H,HB, JB,KB,LB,MB,RB,SB							X	X				
TSIOL-550-A												
TSIOL-550-B												
TSIOL-550-C												
IO-240-A,B; IOF-240-B												

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