



# Spark Plugs

## Spark Plug Application By Engine Manufacturer

Engine Model	Standard Massive Electrode Shielded		Unshielded	Fine Wire Electrode Shielded	
	5/8" - 24	3/4" - 20		5/8" - 24	3/4" - 20
<b>ALLISON</b> V1710	REB37E	RHB37E		REB36S	
<b>FRANKLIN ENGINE CO.</b>					
2A4 Series	REJ38				
2A-120-A, -B		RHB32E			RHB36S
4A4 Series	REJ38				
4AC Series	REJ38				
4A-235-B, B3		RHB32E		REB36S	RHB36S
Sport 4, 4A, 4A1, 4B, 4R		RHB32E			RHB36S
6AC, 6AL, 6AG, 6A4, 6V4 Series	REJ38				
6A4-200, 6V4-200	REL37B				
6V6-245	REL37B				
6A8-215	REJ38				
6A-335-A, B, 6V335-A, -B	REL37B			REB36S	
6AS-335-A, B, 6AS-350-A, -A1		RHB32E		REB36S	RHB36S
6V335-A1A, A1B	REB37E	RHB37E		REB36S	RHB36S
	REB37E	RHB37E			
6VS-335-A, -B	REB32E	RHB32E		REB36S	RHB36S
6A-350-C1, -C1A, -C2, -C2A, -D, -D1		RHB32E		REB36S	RHB36S
6V-350-A, -B		RHB32E		REB36S	RHB36S
<b>GROB</b>					
2500 D1/E1				REN30S	
<b>GYPSY MAJOR</b>	REL37B				
<b>JACOBS AIRCRAFT ENGINE CO.</b>					
L-4, L-5 & L-6 Series R-755	REM40E	RHM40E		REM38S	RHM38S
R-755S, R-755SM	REM38E				
<b>KENROYCE-REARWIN All models</b>	REM40E	RHM40E	M41E		
<b>KINNER All models</b>			M41E		
<b>LAMBERT All models</b>			M41E		
<b>LEBLOND All models</b>			M41E		
<b>MENASCO All models except D4</b>			M41E		
<b>ORENDA All models</b>					RHB27S
<b>PRATT &amp; WHITNEY</b>	REM37BY*				
R-985 (Wasp Jr.), R-1340 (Wasp)	REM40E	RHM40E	M41E	REM38S	RHM38S
R-1830 (Twin Wasp C)	REB37E	RHB37E		REB36S	RHB36S
+ For Severe Service	REB32E+	RHB32E+			RHB32S+
R-2000 (Twin Wasp D)	REB37E	RHB37E		REB36S	RHB36S
R-2800 (Double Wasp) R-2800-97	REB37E	RHB37E			RHB36S
CA3, CA5, CA15, CA17, CA18, CA19	REB32E	RHB32E		REB36S	RHB32S
++ Rear position front row only		RHB29E++			
R-4360 (Wasp Major)	REB37E	RHB37E		REB36S	RHB36S
<b>PEZETEL (WSK)</b>					
ASZ-621R, (1000 h. p.), P2L-3S (600 h. p.)	REB37E	RHB37E		REB36S	RHB36S
<b>RANGER All 18 mm Short Reach</b>	REM40E	RHM40E	M41E	REM38S	RHM38S
<b>ROLLS-ROYCE - Merlin, Griffon</b>					RHL27S RHL28S
<b>RUSSIAN ENGINES M14 Most Series</b>	REL37B			RVL38S**	
<b>TELEDYNE CONTINENTAL MOTORS</b>	REM37BY*				
A-65, A-75	REM40E	RHM40E	M41E	REM38S	RHM38S
C75, C-85, C-90, C-115, C-125	REM37BY*				
	REM40E	RHM40E	M41E	REM38S	RHM38S
E-165, E-185, E-225	REM40E	RHM40E	M41E	REM38S	RHM38S
E-165, E-185, E-225 (14mm Bushing)	REJ38				

\* Use REM37BY when encountering lead fouling. \*\* Uses M18x1 barrel thread instead of 5/8"-24



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<b>TELEDYNE CONTINENTAL MOTORS (Cont'd)</b>					
O-200-A, -B, -C, -D	REM37BY* REM40E	RHM40E	M41E	REM38S	RHB36S RHM38S
IO-240	REM38E	RHM38E		REM38S	RHM38S
GO-300-A, -B, -C, -D, -E, -F O-300-A, -B, -C, -D, -E, C-145	REM37BY* REM40E REM38E	RHM40E RHM38E	M41E	REM38S	RHM38S
IO-346-A, -B	REM40E REM38E	RHM40E RHM38E		REM38S	RHM38S
IO-360-A, -AB, -C, -CB, -D, -E, -G, -GB, -H, -HB, -J, -JB, -K, -KB	REM38E	RHM38E		REM38S	RHM38S
IO-360-B	REM40E	RHM40E		REM38S	RHM38S
TSIO-360-A, -AB, -B, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -G, -GB, -H, -HB, -JG, -K, -KB, -LB, -MB, LTSIO-360-E, -EB, -K, -KB	REM38E	RHM38E		REM38S	RHM38S
O-470-2	REM38E	RHM38E		REM38S	RHM38S
O-470-4, -11, -13, -13A, -15	REM40E	RHM40E		REM38S	RHM38S
O-470-A, -E, -J, -K, -L, -R, -S	REM40E	RHM40E		REM38S	RHM38S
O-470-B, -G, -H, -M, -N, -P	REM40E REM38E	RHM40E RHM38E		REM38S	RHM38S
O-470-T, -U		RHB32E			RHB32S
IO-470-C, -G, -P, -R, -T	REM40E REM38E	RHM40E RHM38E		REM38S	RHM38S
IO-470-J, -K	REM40E	RHM40E		REM38S	RHM38S
IO-470-D, -E, -F, -H, -L, -M, -N, -S, -U, -V, -VO, -LO		RHB32E			RHB36S RHB32S
GIO-470-A		RHB32E			RHB36S RHB32S
LIO-470-A	REM40E REM38E	RHM40E RHM38E		REM38S	RHM38S
TSIO-470-B, -C, -D		RHB32E			RHB36S RHB32S RHB36S
IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB, -N, -NB TSIO-520-A, -B, -BB, -BE, -C, -CE, -D, -DB, -E, -EB, -F, -G, -H, -J, -JB, -K, -KB, -L, -M, -N, -NB, -P, -R, -T, -U, -UB, -V, -VB, -WB, -AE, -AF LTSIO-520-AE		RHB32E		RHB32S	RHB32S RHB36S
GTSIO-520-C, -D, -E, -F, -G, -H, -K, -L, -M, -N		RHB32E			RHB32S RHB36S
TSIO-550-A, -B, -C,		RHB32E			RHB32S
IO-550-A, -B, -C, -D, -E, -F, -G, -L, -N, -P, -R		RHB32E			RHB36S RHB32S
TSIOL-550-A, -B		RHU32E			RHU32S
6-285-B, -BA, -C, -CA, 6-320-A, -B		RHU27E			
W-670	REM40E	RHM40E	M41E	REM38S	RHM38S
R9A	REB37E	RHB37E		REB36S	RHB36S
<b>TEXTRON LYCOMING</b>					
O-145, GO-145			M41E		
O-235-C, -E, -H	REM40E REM38E REM37BY*	RHM40E	M41E	REM38S	RHM38S
O-235-F, -G, -J				REM38S	
O-235-K, -L, -M, -N, -P	REM40E REM38E REM37BY*	RHM40E RHM38E		REM38S	RHM38S
O-290 Series	REM40E REM38E REM37BY*	RHM40E	M41E	REM38S	RHM38S
O-320-A, -C, -E	REM37BY*	RHM40E	M41E	REM38S	RHM38S
O-320-B, -D, -H	REM40E				
AIO-320, LIO-320-B, IO-320-B, -C, -D, AEIO-320-A, -B, -C, -D	REM38E	RHM40E			

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	5/8" - 24	3/4" - 20		5/8" - 24	3/4" - 20
<b>TEXTRON LYCOMING (Cont'd)</b>					
IO-320-A, -B, -D, -E	REM37BY* REM40E	RHM38E		REM38S	RHM38S
AEIO-320-E	REM37BY* REB37E	RHM40E RHB37E		REM38S REB36S	RHM38S RHB36S
IO-320-C, -F, LIO-320-C (Long Reach)	REM40E REM38E	RHM40E RHM38E		REM38S	RHM38S
O-340-A	REM40E	RHM40E		REM38S	RHM38S
O-340-B	REM40E	RHM40E		REM38S	RHM38S
O-360-A, -C, -E, -F	REM38E REM37BY*	RHM40E RHM38E		REM38S	RHM38S
IO-360-B, -E, -F, -H, -L	REM40E REM37BY*	RHM40E		REM38S	RHM38S
AEIO-360-B, -C, -H, HO-360-A	REM38E REM37BY*	RHM38E		REM38S	RHM38S
O-360-B, -D	REM40E REM37BY*	RHM40E		REM38S	RHM38S
IO-360-A, -C, -D, -J, LIO-360-E	REM38E REM37BY*	RHM38E		REM38S	RHM38S
LO-360-A1G6D, O-360-E1A6D	REM40E REM38E	RHM40E			
LO-360-E1A6D	REM38E	RHM40E			
LO-360-C	REM37BY*	RHM38E		REM38S	RHM38S
IO-360-A, IO-360-C1F					
IO-360-F (Long Reach)					
IYO-360	REB37E	RHB37E		REB36S	RHB36S
AIO-360-A,	REM38E				
LIO-360-C, AEIO-360-A	REM37BY*	RHM38E		REM38S	RHM38S
HIO-360-A, -D	REM38E	RHM38E		REM38S	RHM38S
HO-360-B, HIO-360-A, -B	REM40E REM38E	RHM40E RHM38E		REM38S	RHM38S
TIO-360-A, -B, AEIO-360-A (Long Reach)	REB37E	RHB37E		REB36S	RHB36S
HIO-360-E1AD, -E1BD, -F1AD					
LHIO-360-F1AD, IYO-360-A	REB32E	RHB32E			RHB32S
TO-360-A1A6D, TO-360-C1A6D, TO-360-E		RHB37E			RHB36S
TO-360-F1A6D, LTO-360-A1A6D, LTO-360-E	REB37E	RHB32E		REB36S	RHB32S
VO-360-A, -B	REM40E REM38E	RHM40E RHM38E		REM38S	RHM38S
O-435-A, -C	REM40E REM38E	RHM40E		REM38S	RHM38S
O-435-K, K1	REM40E REM38E	RHM40E		REM38S	RHM38S
GO-435-C, -D Series	REM38E	RHM38E		REM38S	RHM38S
VO-435-A, TVO-435-A (Short Reach)	REM38E	RHM38E		REM38S	RHM38S
VO-435-A, -B (Long Reach)					
TVO-435-A, -B, -C, -D, -E, -F, -G (Long Reach)	REB37E REB32E	RHB37E RHB32E		REB36S	RHB36S RHB32S
O-435-23-25	REM40E REM38E	RHM40E		REM38S	RHM38S
GO-480-B, -D, -F	REM38E	RHM38E		REM38S	RHM38S
GO-480-C, -G (Short Reach)	REM38E	RHM38E		REM38S	RHM38S
		RHB37E			RHB36S
GO-480-G1, G2 (Long Reach)	REB37E	RHB32E		REB36S	RHB32S
GSO-480-A, -B (Short Reach)	REM38E	RHM38E		REM38S	RHM38S
GSO-480-A, -B (Long Reach)	REB37E	RHB37E		REB36S	RHB36S
IGSO-480-A (Short Reach)	REM38E	RHM38E		REM38E	RHM38S
IGSO-480-A (Long Reach)					
IGO-480-A	REB37E	RHB37E			RHB36S
O-480-1-3	REB32E	RHB32E		REB36S	RHB32S

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## Spark Plug Application By Engine Manufacturer

Engine Model	Standard Massive Electrode Shielded		Unshielded	Fine Wire Electrode Shielded	
	5/8" - 24	3/4" - 20		5/8" - 24	3/4" - 20
<b>TEXTRON LYCOMING (Cont'd)</b>					
O-540-A, -D, -E, -F, -G, -H, -J, -J3A5	REM40E	RHM40E		REM38S	RHM38S
O-540-B	REM38E	RHM38E		REM38S	RHM38S
IO-540-A, -B, -E, -G, -K, -L, -M, -P, -S, -U (Short Reach)	REM40E	RHM40E	M41E	REM38S	RHM38S
IO-540-C, -D, -J, -N, -T, -V	REM38E	RHM38E		REM38S	RHM38S
AEIO-540-D, -L	REM40E	RHM40E			
IO-540-AA, -E, -G, -J, -K, -M, -P, -R, -S, -U	REB37E	RHB37E			RHB36S
O-540-L3C5D, M1B5D (Long Reach)	REB32E	RHB32E		REB36S	RHB32S
VO-540-A, -B, -C (Short Reach)	REM38E	RHM38E		REM38S	RHM38S
O-540-9					
VO-540-Series					
IYO-540 Series (Long Reach)	REB37E	RHB37E		REB36S	RHB36S
IGO-540-A, -B (Short Reach)	REM38E	RHM38E		REM38S	RHM38S
IGO-540-A, -B (Long Reach)	REB37E	RHB37E		REB36S	RHB36S
TIO-540-A, -C, -E, -F, -G, -H, -J, -K, -N, -R, -S, -T	REB37E	RHB37E			RHB36S
TIVO-540-A	REB32E	RHB32E		REB36S	RHB32S
IGSO-540-B (Short Reach)	REM38E	RHM38E		REM38S	RHM38S
IGO-540-A, -B	REB37E	RHB37E			RHB36S
IGSO-540-A, -B (Long Reach)	REB32E	RHB32E		REB36S	RHB32S
	REB37E	RHB37E			RHB36S
LTIO-540-F, -J, -N, -R	REB32E	RHB32E		REB36S	RHB32S
	REB37E	RHB37E			RHB36S
TIO-541-A, -E	REB32E	RHB32E		REB36S	RHB32S
	REB37E	RHB37E			RHB36S
TIGO-541-A, -E	REB32E	RHB32E		REB36S	RHB32S
IO-580-A		RHB37E			
R-680	REM40E	RHM40E		REM38S	RHM38S
IO-720-A, -B, -C, -D (Short Reach)	REM38E	RHM38E		REM38S	RHM38S
	REB37E	RHB37E			RHB36S
IO-720-A, -B, -C, -D (Long Reach)	REB32E	RHB32E		REB36S	RHB32S
<b>WARNER (All Models)</b>	REM40E	RHM40E	M41E	REM38S	RHM38S
<b>WRIGHT AERONAUTICAL</b>					
R-540	REM40E	RHM40E			
Whirlwind R-760, R-975 (1/2" Rch.)	REM40E	RHM40E	M41E	REM38S	RHM38S
Cyclone 9N with 1/2" insert depth (R-1820)	REM40E	RHM40E	M41E	REM38S	RHM38S
Whirlwind R-760, R-975 (18mm 13/16" Rch.)	REB37E	RHB37E		REB36S	RHB36S
Cyclone R-1300	REB37E	RHB37E		REB36S	RHB36S
Cyclone R-1820 Series (Except F & HE)	REB37E	RHB37E		REB36S	RHB36S
Cyclone R-2600 Series	REB37E	RHB37E		REB36S	RHB36S
Cyclone R-1820-84 (C9HE Series)		RHB32E			RHB32S
Cyclone R-3350, C18BA, C18BD	REB37E	RHB37E		REB36S	RHB36S
Cyclone R-3350-C18CB1		RHB29E			
Cyclone R-3350-DA1, -2, -3, -4, EA1, -2, -3		RHB29E			
Cyclone R-3350-EA4, -5, -6		RHB29E			

**Additional R-3350 plugs Available for Racing Applications only - Contact Champion Aerospace LLC Regarding this Application.**