

ENGINE MODEL & DISPLACE. EN-	VEHICLE	BORE AND STROKE	COMP. RATIO	DOME VOLUME cc	SPARK PLUG GAP	DISTRIBUTOR NO. 423-GB	DISTRIBUTOR			IGNITION TIMING		VALVE CLEARANCE				GOVERNOR		
							BREAKER CAP	CAM ANGLE	IND **	VIB. DAMP FLYWHEEL	Dear. BTC vs. Fuel Octane No.		COLD STATIC		HOT IDLE		NO-LOAD SETTING	FULL-LOAD SETTING
											REG. 91 (R) 84 (M)	PREM. 99 (R) 88 (M)	IN.	EX.	IN.	EX.		
672	Bus	4-7/8 x 6	6.4	304	.035	372	.022	31° - 37°	X	X	17	-	.010	.020	.010	.020	2150	2000
291	Truck	3-3/4 x 4-3/8	6.9	123	.030	396	.022	31° - 37°	-	X	4	-	.010	.025	.010	.022	2950	2800
331	"	4 x 4-3/8	6.9	140	.025	396	.022	31° - 37°	-	X	4	-	.010	.020	.010	.016	2950	2800
401, 402	"	4-1/16 x 5-5/32	7.3	161	.025	396	.022	31° - 37°	-	X	3	-	.010	.020	.010	.018	2950	2800
414	"	4-3/16 x 3-3/4	7.5	91	.035	#	.016	27° - 32°	X	-	5	-	%	%	%	%	3000	2800
414A	"	4-3/16 x 3-3/4	7.5	91	.035	#	.016	27° - 32°	X	-	5	-	%	%	%	%	3000	2800
431A	"	4-1/8 x 5-3/8	6.7	187	.025	375	.022	31° - 37°	X	X	10	-	.010	.025*	.010	.020*	2650	2500
438	"	4-5/16 x 5	7.1	172	.025	3101	.016	38° - 45°	X	X	12	-	.014	.035	.012	.033	2750	2600
464A	"	4-7/16 x 5	7.5	172	.020	158	.016	38° - 45°	-	X	8	-	.010	.025	.010	.020	2950	2800
464B	"	4-7/16 x 5	7.5	172	.020	158	.016	38° - 45°	-	X	8	-	.010	.025	.010	.020	2950	2800
464B	"	4-7/16 x 5	6.7	172	.020	158	.016	38° - 45°	-	X	11-C	-	.010	.025	.010	.020	2950	2800
464B	"	4-7/16 x 5	6.7	172	.020	158	.016	38° - 45°	-	X	11-C	-	.010	.025	.010	.020	2950	2800
510A	"	4-7/16 x 5-1/2	6.5	231	.030	392	.022	31° - 37°	-	X	11-C	-	.010	.025*	.010	.020*	2550	2400
510A	"	4-7/16 x 5-1/2	6.5	231	.030	392	.022	31° - 37°	-	X	15-T	-	.010	.025*	.010	.020*	2550	2400
510B	"	4-7/16 x 5-1/2	6.5	187	.025	158	.016	38° - 45°	X	X	8	-	.010	.025	.010	.020	2750	2600
510C	"	4-7/16 x 5-1/2	7.7	187	.025	158	.016	38° - 45°	-	X	8	-	.010	.025	.010	.020	2750	2600
540	"	4-9/16 x 5-1/2	7.2	215	.025	158	.016	38° - 45°	X	-	13	-	.014	.030	.012	.028	2550	2400
540A	"	4-9/16 x 5-1/2	7.6	200	.025	158	.016	38° - 45°	X	-	4	-	.014	.030	.012	.028	2750	2600
707A	"	5 x 6	6.1	356	.030	35C	.022	31° - 37°	X	X	15	-	.010	.025	.010	.020	2150	2000
707B	"	5 x 6	6.4	331	.030	374	.022	31° - 37°	-	X	13	-	.010	.025	.010	.020	2250	2100
# 707B	"	5 x 6	6.4	331	.030	374	.022	31° - 37°	-	X	16	-	.018	.028	.015	.025	2250	2100
707C	"	5 x 6	7.5	272	.025	3103	.016	38° - 45°	-	X	8	-	.015	.025	.015	.020	2300	2100
707C	"	5 x 6	7.0	272	.025	3103	.016	38° - 45°	-	X	10	-	.015	.025	.015	.020	2300	2100
F-464A	Fire	4-7/16 x 5	8.4	151	.020	3101	.016	38° - 45°	-	X	6	-	.010	.025	.010	.020	2950	2800
F-464B	"	4-7/16 x 5	8.4	151	.020	3101	.016	38° - 45°	-	X	6	-	.010	.025	.010	.020	2950	2800
F-540	"	4-9/16 x 5-1/2	8.0	187	.025	3101	.016	38° - 45°	X	-	6	-	.014	.030	.012	.028	2550	2400
F-707A	"	5 x 6	6.4	331	.030	374	.022	31° - 37°	-	X	20	-	.010	.025	.010	.020	2550	2400
F-707B	"	5 x 6	6.4	331	.030	374	.022	31° - 37°	-	X	13	-	.010	.025	.010	.020	2550	2400
# F-707B	"	5 x 6	6.4	331	.030	374	.022	31° - 37°	-	X	16	-	.018	.028	.015	.025	2550	2400
F-707C	"	5 x 6	7.5	272	.025	3103	.016	38° - 45°	-	X	2	-	.015	.025	.013	.022	2550	2400
F-707C	"	5 x 6	8.0	251	.030	3103	.016	38° - 45°	-	X	0	-	.015	.025	.013	.022	2550	2400

\* - If engine has Invar exhaust push rods, clearance (cold .015 - hot .025)

\*\* - Indicator Location C - using Cleomatic pistons T - using Truck type pistons

# - Special Service Head - Spark plugs on L.H. side - Improved cooling - Smaller exhaust valve - spacer necessary to locate exhaust valve rocker arm.

NOTE - Where setting is given for "premium" grade, this fuel should preferably be used.

% - "O" Valve Clearance (Hydraulic)

# - No. 2444275

SUNOCO - DWAYNE HALL CIO. 859-1307 OPTIMUM MILEAGE 91 84 88 93 98 91 84 88 93 98 89 93 90  
 SUNCO RACING - MIKE MILLER CIO. 859-1644 UTREA 93 98 84 88 93 90

PLUGS

707 A, B

18mm

CHAMPION D-16  
AC-CBG COM

707 C

14mm

AC-C45 COM  
CHAMPION J-8

DIST

707 A

256B-95C

DELOZ  
1110143

707 B

- 374

1111790

707

- 3103

1111877