

*Jerry's Marine Service* Of Fort Lauderdale, Inc.

100 Southwest 16 Street Ft. Lauderdale, FL 33315

(305) 525-0311

# **Thermo Electron** **Crusader Engines**

Gasoline Engine SUGGESTED LIST Prices  
Effective July 1, 1987

## INBOARD ENGINES

	MODEL 4.3 L(V-6) 262 CID 4 BBL	MODEL 220 305 CID 4 BBL	MODEL 270 350 CID 4 BBL	MODEL 350 454 CID 4 BBL
Bobtail.....	\$ 4835	\$ 4950	\$ 5685	\$ 6785
Direct Drive.....	5135	5250	5985	7115
1.52:1.....	5575	5710	6415	7750
1.91:1.....	5650	5790	6485	7835
2.57:1.....	5650	5790	6485	7835
2.91:1.....	5650	5790	6485	7835
V-D (Warner) 1.5 Ratio...	6515	6665	7365	8665
V-D (Warner) Other Ratios	6615	6765	7465	8815
V-D (Walters) All Ratios	6815	6935	7650	----
INBOUND FREIGHT.....	<u>175</u>	<u>175</u>	<u>175</u>	<u>200</u>

MODEL 4500 SERIES V-DRIVE 12 (1.29, 1.77 Ratio)..... \$ 1065  
INBOUND FREIGHT ON V-DRIVE ..... 50

## STANDARD EQUIPMENT

Remote oil filter (all models). Alarm system for engine oil, transmission oil, and water temperature - Precision adjustable rubber engine mounts - Full flow oil filter - 12 volt electrical system - 50 AMP alternator - Fuel filter - Throttle and clutch control bracket - 143 Degree thermostat - Positive crankcase ventilation - Water cooled exhaust elbows - Approved flame arrestor - Two-pump cooling system - Pre-wired engine harness - Enamel paint - Engine skid - Hydraulic transmission and transmission oil cooler standard on all engines - Neutral safety switch - Propeller shaft coupling - Starter relay - 50 AMP circuit breaker.

Prices - F.O.B. Factory, Sterling Heights, Michigan, U.S.A.  
All prices, specifications, standard and optional equipment subject to change without notice or liability to prior purchaser. Orders accepted subject to prices prevailing at time of shipment and conditions set forth in TEEC #111.

## OPTIONAL EQUIPMENT ON REVERSE SIDE

### Gasoline SUGGESTED LIST Prices

NOTE: The below listed optional items are factory installed extra equipment only!

#### FACTORY INSTALLED OPTIONAL EXTRA EQUIPMENT

20628	Exhaust Crossover w/"Y" Connector for Single Outlet	\$ 75
91452	Exhaust "Y" Connector.....	33
21128	Exhaust "S" Riser - 4" Rise (RWC).....	117
21129	Exhaust "S" Riser - 4" Rise (FWC).....	117
21130	Exhaust "S" Riser - 8" Rise (RWC).....	125
21131	Exhaust "S" Riser - 8" Rise (FWC).....	125
21132	Exhaust "S" Riser -12" Rise (RWC).....	166
21133	Exhaust "S" Riser -12" Rise (FWC).....	166
22372	Exhaust Swivel Elbows (3" Outlet).....	75
22377	Exhaust Swivel Elbows (4" Outlet).....	75
22430	Fresh Water Cooling, Model 4.3L (V-6) Rear Mount...	525
22589	Fresh Water Cooling, Model 220, 270 Rear Mount.....	525
22595	Fresh Water Cooling, Model 220, 270 Front Mount....	575
22597	Fresh Water Cooling, Model 350.....	667
22141	Instrumental Panel, Deluxe Single Eng/Single Sta...	267
22142	Instrumental Panel, Deluxe Single Eng/Dual Sta.....	542
97482	Wiring Harness, Engine to Panel 20 Ft.....	50
97481	Wiring Harness, Engine to Panel 25 Ft.....	58
39047	Alternator Suppression Kit.....	25
	Export Crating.....	250

NOTE: The below listed optional items are packaged in kit form for field installation only!

#### FIELD INSTALLATION OPTIONAL KITS

22431	Fresh Water Cooling, Model 4.3L (V-6) Rear Mount...	\$ 550
22590	Fresh Water Cooling, Model 220/270 Rear Mount.....	550
22596	Fresh Water Cooling, Model 220/270 Front Mount.....	600
22598	Fresh Water Cooling, Model 350.....	692
97773	Stud Kit, 4" Riser (FWC).....	33
97770	Stud Kit, 8" Riser (FWC).....	33

**Engine Division**

Crusader Marine Engines

7100 E. 15 Mile Road  
Sterling Heights, Michigan 48077  
(313) 264-1200 (TLX 23-0435)



DIESEL Suggested LIST Prices  
Effective July 30, 1984

**9.0 LITER (551.1 C.I.D.) DIESEL**  
**225 HP @3200 RPM \***  
**Naturally Aspirated**

Bobtail L.H. only . . . . .	\$ 13,860
Warner (D.D.) L.H. only . . . . .	14,857
Warner (Off-set) L.H. & R.H.	
(1.58:1) . . . . .	15,357
(2.03:1) . . . . .	15,357
(2.47:1) . . . . .	15,357
Warner (15° V-Drive) L.H. & R.H.	
(D.D.) . . . . .	15,857
(1.51:1) . . . . .	15,857
(1.99:1) . . . . .	15,857
(2.49:1) . . . . .	15,857
Twin Disc (MG-502) L.H. & R.H.	
(1.54:1) . . . . .	16,214
(2.00:1) . . . . .	16,214
(2.47:1) . . . . .	16,214

**STANDARD EQUIPMENT**

100% Fresh water cooled - 180° Thermostat, Engine mounted: Primary and secondary fuel filters and full flow oil filters (2) dual - 12 Volt heavy duty starter (top side)- 50 AMP alternator - Starter relay - Engine and transmission oil coolers - Four (4) point isolator adjustable mounts - Engine lifting rings - Engine alarm system - Positive electric fuel shut-off - Oil pressure and water temperature senders - Engine harness - Throttle and transmission control brackets - Reverse manifolds for V-Drive (available) - Propeller shaft coupling - Zinc chromate primer - Deluxe enamel - Engine skid.

**\* PLEASURE BOAT RATING** (Private recreational vessels only); is a rating that is highly variable in load and/or speed where the duration of the average load factor is not at the continuous rating or full throttle operation for periods long enough to stabilize maximum engine pressures and temperatures (approximately 10 minutes in duration).

**OPTIONAL EQUIPMENT ON REVERSE SIDE**



FACTORY INSTALLED OPTIONAL EXTRA EQUIPMENT

96169	Dry Exhaust Flanges (3" I.P.) . . . . .	\$ 60
22035	Exhaust "S" Riser - 8" Rise . . . . .	116
22298	Exhaust "S" Riser - 12" Rise . . . . .	150
22299	Exhaust Elbows . . . . .	75
22095	Swivel Exhaust Elbows 3" Outlet . . . . .	75
22292	Swivel Exhaust Elbows 4" Outlet . . . . .	75
20628	Exhaust Crossover w/"Y" Connector (two 3" to 4") . . . . .	75
91452	Exhaust "Y" Connector (two 3" to 4") . . . . .	33
97706	Exhaust "Y" Connector (two 3" to 5") . . . . .	50
97707	Exhaust "Y" Connector (two 4" to 5") . . . . .	58
11076	Right Angle (Mech.) Tach. Adaptor . . . . .	33
11073	Instrument Panel Kit, Single Engine/Single Station, (Includes: 20' Engine to Panel Harness) . . . . .	366
11074	Instrument Panel Kit, Single Engine/Dual Station, (Includes: Two (2) Panels, 20' Engine to Panel Harnesses, and 20' Panel to Panel Harnesses) . . . . .	766
11075	Export Crating . . . . .	275

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