

Crackerbox - Conversion & underwater hardware for a small block Chevy

This is a typical list of hardware for the Crackerbox. The Crackerbox was originally designed as a race boat. These boats did not use transmissions or any shifting mechanism; it was turn the key and go. Because of the short length of the boat, it is difficult to use a transmission (13" additional length). In order to keep a reasonable shaft angle (15° or less), the motor must be moved forward and/or the rudder installed on the back of the boat. One local builder was able to use a Velvet Drive transmission and still maintain a 12° angle by using a motor with a "low profile" oil pan.

The installation listed below is "typical", i.e. no transmission and normal underwater rudder. If you would like to use a transmission, substitute Item 99-231 (call for price) for the 99-000 Bobtail Conversion Kit. A Transom Rudder Bracket is often used to move the rudder aft in order to accommodate a transmission or reduce shaft angle. Additional items: motor, hose for exhaust ports, steering, throttle control, and gauges.

NOTE: We recommend that you make a mock-up of your engine and prop shaft prior to ordering the parts below to verify the angles and determine the shaft length.

ITEM	DESCRIPTION	QUAN
99-000	STANDARD SM BLK CHEV BOBTAIL CONVERSION	1
90-767**	CHAIN COUPLING	1
90-730	WATER PICK UP 3/4"	1
90-426*	PROP SHAFT	1
90-116*	STRUT, 14 OR 16 DEG	1
90-352	BEARING FOR ABOVE	1
90-195	SHAFT LOG	1

90-232	HOSE	1
90-818	HOSE CLAMPS	2
90-223B	STUFFING BOX	1
14-289	FIN, FLAT BASE	1
90-009	SPEED RUDDER, 1 1/8"	1
90-103B	RUD STUFFING BOX	1
90-033	RUD POST BRKT 1 1/8"	1
90-029	TILLER ARM 1 1/8"	1
90-461	SAFETY COLLAR 1" (SHAFT)	1
90-462	SAFETY COLLAR 1 1/8" (RUDDER)	1
05-020	BOW EYE	1
90-750	EXHAUST PORT, CHR 2 7/8"	2

* Specify degree/length

** The chain coupling is the most common and most desirable way to hook up to the prop shaft when not using a transmission. If this option is used, deduct the 90-793 flywheel power takeoff from the conversion kit. A less common method is to use the flywheel power takeoff plus item 90-864B (1") flange takeoff. The flywheel adapter bolts to the flywheel and has 4 holes to which the 90-864B bolts. The 90-864B accepts a 1" prop shaft. The flywheel installation requires the motor to be higher in the boat and is seldom used.