

Force 1996 Model Product Information

The 1996 model line of Force Outboards from 40HP thru 120HP has major powerhead changes. Same changes were incorporated in Sport Jet 95XR and 120XR models. Listed below are changes of interest to Service Technicians:

1. Connecting rod is now top guided. This change has resulted in new pistons, connecting rod bearings, crankshaft, and cylinder assembly components.
2. New electrical system is incorporated. It is new CDM ignition system which eliminates switch box. Capacitor and SCR, which were in switch box, are now located in ignition coil.
3. Lifting eye which threads in flywheel is now necessary for installation/removal of outboard/powerhead.
Part number of lifting eye is 91-90455.
4. Cylinder head bolt torque has changed to "TORQUE and TURN" method on 75 thru 120HP models. Cylinder head bolts are now torqued in sequence to 120 lb/in (13.5 N·m). After final torque, turn each bolt an **additional 90 degrees**.

Another point worth mentioning is that these bolts **MUST** be oiled before installation – both threads and underside of head.

This procedure is used on connecting rod screws starting with 1995 models of 40 thru 120HP.

5. Remote electric harness connection at powerhead is located at rear starboard corner of powerhead. This applies to 75, 90, and 120HP models. Impact of this change is requirement of remote electric cable from dashboard to be at least two feet longer than previous cable. In most cases there is enough length but, it is worth noting and checking before installation of outboard on boat.

All of above information is in new 1996 Technician's Handbook which is scheduled for mailing in June, 1995. Main purpose of this bulletin is to provide information which needs some emphasis for Service Technician.