

# WILCAP COMPANY FC1 EARLY HEMI FRONT COVER

ENGINE APPLICATION YEARS/CID:	V8 CHRYSLER 54-58, DODGE 53-58
ADDITIONAL PARTS NEEDED:	GASKET, SEAL,

Notes; The FC1 does not allow for the use of the stock fuel pump.

The stock oil slinger may need to be modified to allow for clearance of the timing chain cover. Check for interference before assembly. The stock seal can be used but will require that the oil slinger be left out or modified. Replacement oil seals are available from Wilcap.

The oil pan will need to be loosened or removed and this means that the oil pan gasket may need to be replaced.

The FC1 can be used with the big block Chevy water pump adapters but the bolts on the rear of the short water pump may need to have the heads shaved to clear the cover.

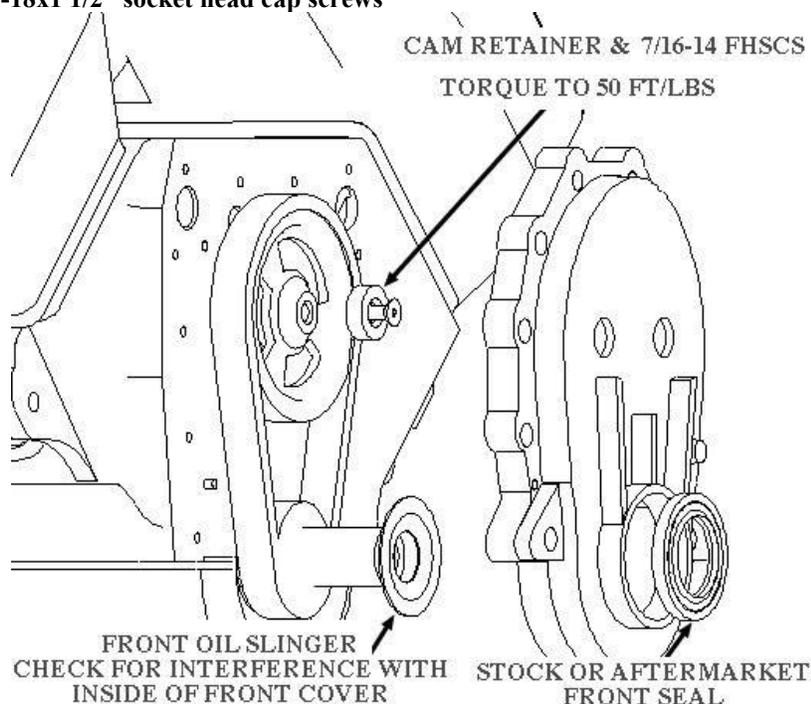
Kit includes;

Aluminum front timing chain cover

Cam retainer

Timing pointer, lock nut and lock washers

- 1 7/16-14 flathead socket cap screw
- 8 5/16-18x1" socket head cap screws
- 2 5/16-18x1 1/2" socket head cap screws



Remove water pump, water manifold, fuel pump, vibration damper and crankshaft pulley. Remove 10 5/16 bolts holding on the stock cover.

Loosen the oil pan bolts and drop the front of the oil pan down enough to remove the stock front cover.

Remove the cam retaining bolt and the fuel pump eccentric.

Place the new cam gear retainer on the cam shaft snout making certain it lines up with the drive key and that it sits flush on to the timing gear.

Install the 7/16-14 flathead socket screw and torque.

Install your new front cover gasket and the new cover and check for interference with the oil slinger. Dyechem or modeling clay can be used to determine if the slinger is hitting the front cover. If it is hitting, the slinger can be flattened or cut down.

Install the 10 supplied timing cover screws with sealant on the threads. Torque to 18 ft/lbs.

Install the oil pan making certain the front cover to oilpan seal is placed properly.

Install the crankshaft pulley, vibration damper, water manifold and water pump.

Install the timing pointer and check for alignment with dampener lines. Adjust by bending pointer