

NOTE

- Determine the replacement bearing color code according to the main bearing selection table (page 11-8) or the connecting rod bearing selection table (page 11-9).
- Mark and store the bearing inserts to be sure of their correct locations for reassembly.
- At installation, apply molybdenum solution to the main journal bearing and connecting rod bearing surface.
- Refer to page 1-8 for crankshaft and rod specification.
- Refer to section 14 of the Common Service Manual for bearing inspection.

Requisite Service

- Refer to Service Information (page 11-1)

Procedure		Q'ty	Remarks
Removal Order			
(1)	Connecting rod bearing cap nut	8	
(2)	Bearing cap	4	
(3)	Connecting rod	4	
(4)	Connecting rod bolt	8	Do not remove them without necessity.
(5)	Connecting rod bearing	8	Wipe all oil from the bearing seating areas.
(6)	Crankshaft	1	
(7)	Crankshaft main journal bearing	12	Wipe all oil from the bearing seating areas.
Installation Order			
(7)	Crankshaft main journal bearing	12	The bearing tabs should be aligned with the grooves in the crankcases.
(6)	Crankshaft	1	Install it onto the upper crankcase with the flywheel side facing the clutch.
(5)	Connecting rod bearing	8	NOTE: • The bearing oil hole should be aligned with the oil hole in the connecting rod.
(4)	Connecting rod bolt	8	
(3)	Connecting rod	4	NOTE: • Be sure the connecting rods are installed in their original positions and oil holes are facing opposite the rotating direction of the crankshaft. • Each connecting rod has an identification mark; "ML7-F" (front), "ML7-R" (rear). Install them in the correct cylinder.
(2)	Bearing cap	4	Install them after doublechecking that the correct bearings and rods are in place.
(1)	Connecting rod bearing cap nut	8	Apply oil to the nut threads and torque them in gradual, crisscross pattern.