

ENGINE DISASSEMBLY

CARBURETOR - CYLINDER HEAD - CYLINDER - PISTON







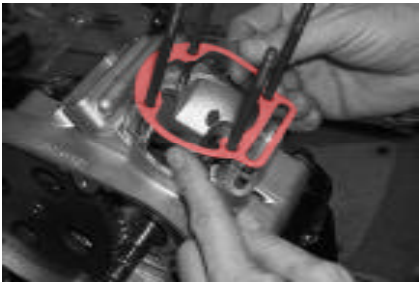
DIAGRAM	DESCRIPTION	TOOL CODE	NOTES
	Disassemble the CARBURETOR		
	Remove the SPARK PLUG		
	Loosen the SCREWS and remove the CARBURETOR MANIFOLD including the REED VALVE .		
	Disassemble the CYLINDER HEAD and remove the HEAD-CYLINDER GASKET		
	Remove the CYLINDER		

DIAGRAM	DESCRIPTION	TOOL CODE	NOTES
	Disassembly the CIRCLIPS and the PISTON PIN . Remove the PISTON and the ROLLER CAGE .		
	Remove the CYLINDER BASE GASKET		

FLYWHEEL SIDE





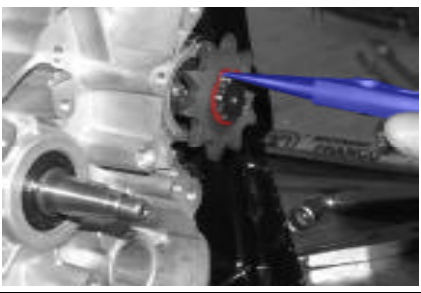
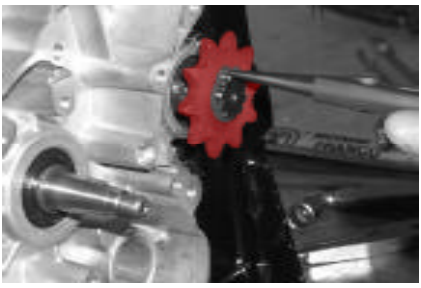
DIAGRAM	DESCRIPTION	TOOL CODE	NOTES
	Loosen the clamping BOLTS and remove the FLYWHEEL COVER		
			MIND THE BRACKET INSIDE THE COVER
	Disassemble the SPARK COIL		

DIAGRAM	DESCRIPTION	TOOL CODE	NOTES
	<p>Disassemble the FLYWHEEL ROTOR (compass tool + flywheel remover)</p>	<p>140558</p>	
	<p>Disassemble the SNAP RING</p>		
	<p>Remove the SPROCKET from the OUTPUT SHAFT</p>		

CLUTCH SIDE


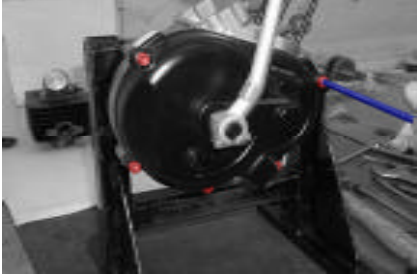




DIAGRAM	DESCRIPTION	TOOL CODE	NOTES
	<p>Remove the OIL DRAIN PLUG (cross-headed)</p>		<p>MAKE SURE TO DRAIN THE ENGINE COMPLETELY</p>
	<p>Loosen the clamping BOLTS on the cover and remove the CLUTCH COVER</p>		
	<p>Remove the SPECIAL FRONT-CLUTCH NUT and the BELLEVILLE WASHER</p>	<p>Compass tool</p>	<p>CLAMPED WITH LOXEAL</p>

DIAGRAM	DESCRIPTION	TOOL CODE	NOTES
	<p>Disassemble the CLUTCH and the 2.5mm SPACER RING</p>		
			
 	<p>Remove the CLUTCH BELL and SPACER RING</p>		

CRANKCASE "OPENING"

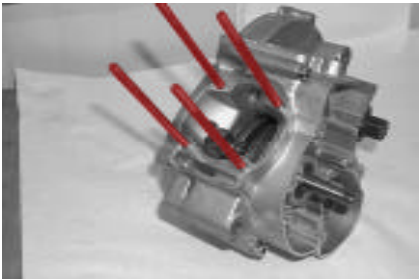
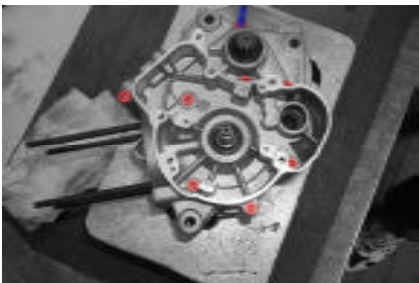

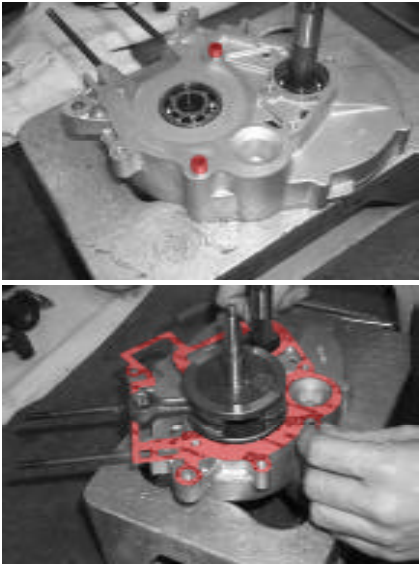
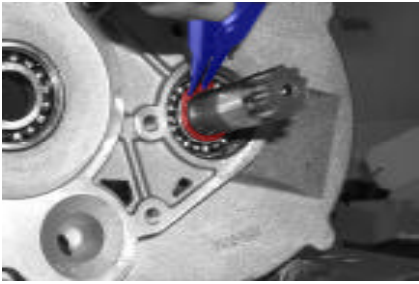


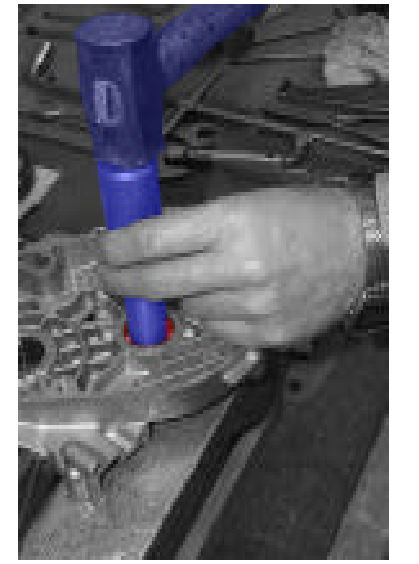
DIAGRAM	DESCRIPTION	TOOL CODE	NOTES
	Remove the cylinder STUD BOLTS if necessary		BLOCKED WITH LOXEAL
	Remove the 8 CRANKCASE BOLTS		
	Open the CRANKCASE	143162	THE CRANKSHAFT IS DRIVEN ONTO THE BEARINGS. OPEN THE CRANKCASE FROM FLYWHEEL SIDE USING THE PULLER TOOL
	Remove the DOWEL PINS and the CRANKCASE GASKET . Remove the crankshaft if necessary		

DIAGRAM	DESCRIPTION	TOOL CODE	NOTES
	<p>Remove the OUTPUT SHAFT SNAP RING.</p>		
	<p>Remove the OUTPUT SHAFT.</p>		
	<p>Inspect the OUTPUT SHAFT BEARING for abnormal play and noise. Replace the bearing if anything unusual occurs.</p> <p>Remove the SNAP RING.</p>		
	<p>Remove the BEARING by using a standard bearing remover set.</p> <p>To replace the CRANKSHAFT BEARING and the OUTPUT SHAFT ROLLER CAGE (flywheel side) follow the same procedure as described above.</p>		<p>THE BEARING IS DRIVEN INTO THE BEARING HOUSING</p>