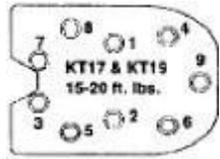
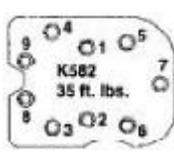


Kohler K-Series - Twin Cylinder Torque Values & Sequences for Fasteners

- [KT17, KT18 & K582 Values & Sequences](#)
- [K582 Gear Cover, Closure Plate](#)
- [KT17 & KT19 Crankcase](#)
- [KT17 & KT19 Cylinder Barrel, Closure Plate](#)

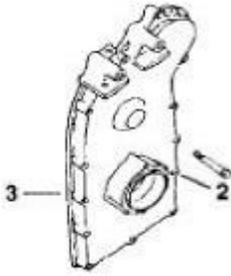
Model (Horsepower)		KT17 (17)	KT19 (19)	K582 (23)
Connecting Rods ¹	Posi-Lock ^{1,2}	New 140 in. lbs Used 100 in. lbs.		-
	Capscrew ^{1,3}	200 in. lbs.		5/16-200 in. lbs. 3/8-300 in. lbs.
Spark Plugs		10-15 ft. lbs.		18-22 ft. lbs.
Cylinder Head ¹				
Flywheel Retaining	Nut	-		115 ft. lbs.
	Screw ¹	40 ft. lbs.		-
Grass Screen	Metal	70-140 in. lbs.		70-140 in. lbs.
	Plastic	20-30 in. lbs.		-
Oil Pan	Aluminum ¹	-		30 ft. lbs.
	Cast Iron ¹	-		35 ft. lbs.
Manifold Screw/Nut		150 in. lbs.		210 in. lbs.
Camshaft Nut		-		40 ft. lbs.
Non Metallic Fuel Pump Mounting Screws		37-45 in. lbs.		37-45 in. lbs.

Kohler K-Series - Twin Cylinder Torque Values & Sequences for Fasteners

Mounting Screws

- ¹Lubricate fastener threads with engine oil.
- ²DO NOT overtorque - DO NOT loosen and retorque the hex. nuts on Posi-Lock connecting rods.
- ³Overtorque 20%, loosen below torque value and retorque to final torque value.
- ⁴Prior to Serial No. 23209832 - 45-55 ft. lbs.
- ⁵Flywheel and crankshaft tapers must be clean and dry.

NEW - Component directly from stock.
 USED - Component that was in a running engine.

K582	
Gear Cover	Closure Plate
	
<p>Install two shoulder capscrews (1/2" thread depth) in second and third holes as indicated. Tighten to 150 in. lbs. - then install other capscrews and torque to 150 in. lbs.</p>	<p>30 ft. lbs.</p>

KT17 & KT19 Crankcase

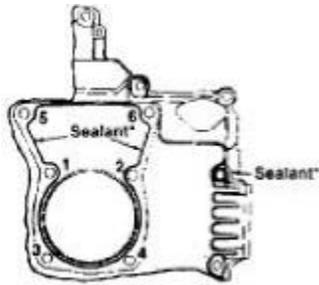
Kohler K-Series - Twin Cylinder Torque Values & Sequences for Fasteners

Bolt No.	Torque
1,2,3,4, (12, 14 Grade 8)	260 in. lbs.
5-11,13,15	150 in.lbs.
16	35 in. lbs.

Bolt No.	Torque
1-4	260 in. lbs.
5-6	200 in. lbs.
Torque remaining bolts in most expedient sequence to:	200 in. lbs.

KT17 & KT19	
Cylinder Barrel	Closure Plate

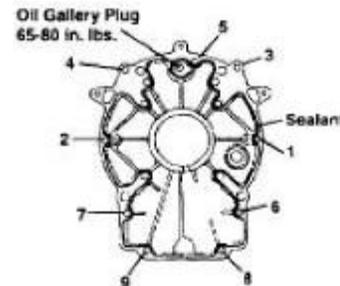
Kohler K-Series - Twin Cylinder Torque Values & Sequences for Fasteners



Apply sealant to crankcase.*
Preliminary Torque - 100 in. lbs.
Final Torque-200in. lbs. (Engines
with 5/16-18 studs)

Final Torque - 360 in. lbs. (Engines
with 3/8-16 studs)

150 in. lbs.



Use a gasket or sealant as necessary: When reinstalling a closure plate or cylinder barrels originally installed with a gasket, use a new gasket. When reinstalling a closure plate or cylinder barrels originally installed with sealant, use new sealant. When installing a service replacement closure plate or cylinder barrels, use new sealant.