

# CopperSEAL Exhaust Gaskets

## INSTALLATION INSTRUCTIONS

All copperseal exhaust gaskets incorporate slotted mounting bolt holes at each end for easy installation and include special hi-collar lockwashers to help fasteners maintain sufficient clamp load on gaskets. Install mounting bolts (with hi-collar lockwashers) or studs at each end of exhaust header or manifold and into cylinder head. Place copperseal gasket with the o-ring embossment facing outward, between cylinder head and exhaust header or manifold. Install remaining mounting bolts or studs with hi-collar lockwashers into cylinder head. Refer to the vehicle manufacturer service manual for correct torque specification of fastener. Tighten all fasteners securely.

### SUGGESTED TORQUE SPECIFICATIONS

BOLT TORQUE CHART				STUD TORQUE CHART			
THREAD SIZE	GRADE 5 TORQUE USING OIL	GRADE 8		THREAD SIZE	GRADE 5 TORQUE USING OIL	GRADE 8	
		TORQUE USING OIL	TORQUE USING MOLY			TORQUE USING OIL	TORQUE USING MOLY
5/16"-18	96 inch lbs.	20 foot lbs.	13 foot lbs.	5/16"	87 inch lbs.	19 foot lbs.	12 foot lbs.
3/8"-16	15 foot lbs.	35 foot lbs.	23 foot lbs.	3/8"	14 foot lbs.	34 foot lbs.	22 foot lbs.

**IMPORTANT:** Torque values listed above are in foot pounds, unless otherwise noted.

**NOTE:** Always follow the enclosed instruction sheet torque values: they were developed for that specific application. If a Mr. Gasket fastener kit does not have an instruction sheet, consult a factory or aftermarket service manual where the torque specifications are listed for all critical engine and drivetrain fasteners. The stud values are calculated using the coarse thread yield strength and the torque applied to the fine threaded nut.