



## 928 Motorsports Supercharger Installation

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### Porsche 928 Crank Reference Sensor Adapter Installation



By installing our Crank Reference sensor Adapter, an early K-Jet or L-Jet equipped engine can be adapted to hold a crank reference sensor. This allows early engines to upgrade to the later LH-Jetronic or Electromotive Tec GT engine management systems.



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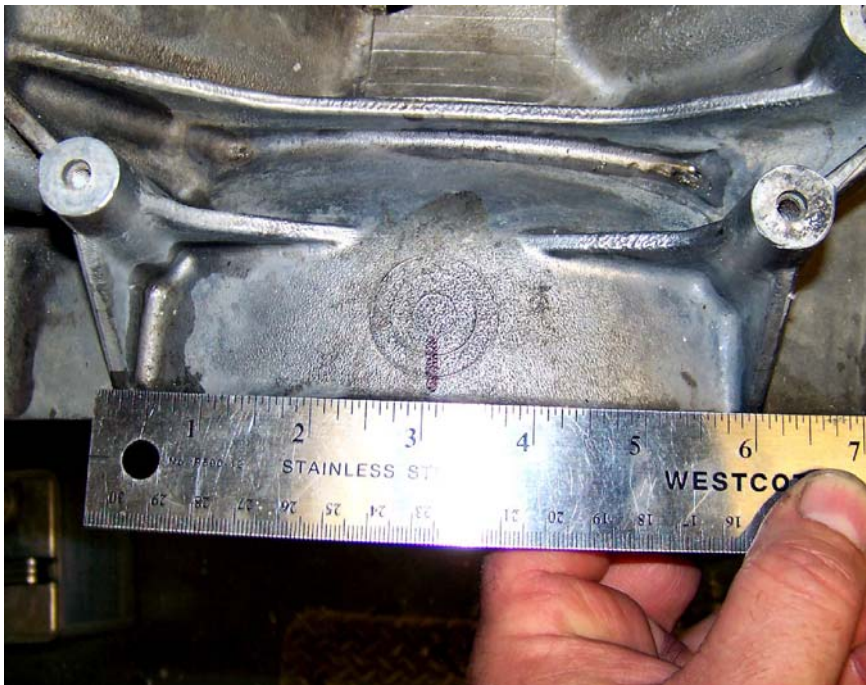
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The 928 Motorsports crank reference adapter can be installed with the engine in the car. All the photos that follow were taken with the engine out of the car.

This is what the back/top of the early K-Jetronic (CIS) or L-Jetronic engines look like in the stock condition:

Later engines came with a molded-in casting to hold the crank reference sensor.

This is what we will be adding to your engine.



Start by measuring the distance between the two uprights as shown and mark the middle of the block between them. Try to be accurate, but don't worry too much about it if you are using our Tec GT Engine Management System because you can add or remove degrees from the crank in the software as needed.



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Position the adapter on the block such that the back edge of the adapter lines up with the back edge of the engine and you can see your mid-line in the center of the sensor bung.

Clamp it or hold it there while you mark the centers of each hole. The two small holes are for the mounting bolts, the large center hole is for the sender.

A center punch will provide a good start for your drill bit so it does not "walk" on the rounded surface.



Drill the two outer mounting holes with the recommended drill bit for your M6 x 1.0 bolts (provided)

Tap the holes, and insert the M6 bolts with washers provided. Do not over-tighten!





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Now you can drill the sensor hole in your block, using our adapter block as a guide to help you stay straight up-and-down. Use a 19/32" or a 15mm drill bit.

The hole in the adapter is intentionally a little small, so you will remove a little bit of it during this process. This is normal, and designed so you will have one contiguous hole with smooth walls when you are done.

Install the crank reference sensor into the adapter and engine, and secure it in place with the M5 bolt provided. Do not over-tighten!

Install a 60-tooth crank timing ring on your stock flywheel, or order one of 928 Motorsports aluminum flywheels with the crank reference ring already mounted, and you are all set!

