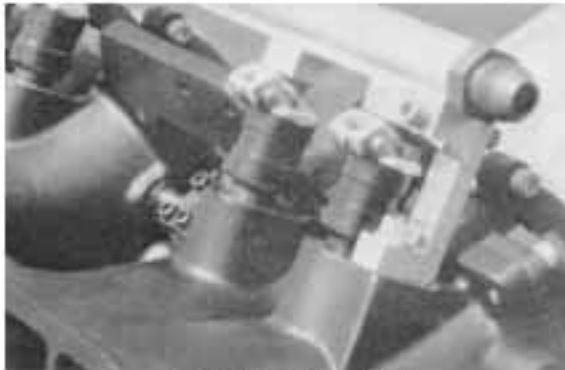


# FUEL METERING

## 2) Electronic Metering

We sell various brands and types of electronic metering equipment to suit every application from street rods to Indy cars. We can adapt any brand and type of electronic system to any manifold.

A) Fuel Rails Our standard rails are made from our own aluminum extrusion, with a .680" LD, and can be tapped 8AN female on both ends, see [Page 52-M](#). We also offer custom-made stainless steel fuel rail assemblies and individual components, in case you want to fabricate your own. Stainless rails are recommended for alcohol use and feature AN male flare end fittings. For Indy and premium road race cars, we use hard-anodized modular aluminum fuel rails.



*Aluminum Fuel Rail*



*Stainless Steel Fuel Rail*

## B) Throttle Position Sensor

We can machine any end of our manifolds to accept our universal bolt-on TPS adapter. We have adapters for most types of sensors. We also offer a remote sensor mount, which uses a hex rod linkage assembly for actuation, see [Page 51-M](#). Excellent to install a TPS on any application.



*Boss and driver installed*



*Several Types of TPS Adapters*



*#7086 Kinsler remote TPS mount assembly*

C) Vacuum Ports We can drill and tap the runners and supply plumbing and a junction block for vacuum modulated metering, vacuum accessories, or a remote idle air control motor housing. We have the remote housings and idle air motors, see [Page 64-M](#).

3) Lucas Mechanical Metering was developed and manufactured by the Lucas Aerospace Division in England. It was the system of choice on world class sports cars until the electronic systems came along in the 1970's. The Lucas was the ultimate because it is timed, has precise distribution, and meters the fuel even at cranking, thus preventing the engine from getting washed down. Electronic metering has taken over for most of the premium applications, but Lucas is still used for vintage road race cars. We continue to provide complete rebuilding service, and have a good supply of used and new-old-stock metering units and parts.

Lucas Mechanical Metering was quite popular from 1955 to 1980 on Grand Prix, Can-Am, and other top performing sport racing cars, as well as almost all of the World Champion Offshore Powerboats.



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