

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 We have the best selection in the industry: 8AN fitting size (.685" ID) and 12AN fitting size (.970" ID) for very high output engines; Pg 141. Mounting hardware and fuel rail fittings; Pg 141, 143. Stainless rails in 8AN fitting size (.655" ID), with custom up to 1.5" OD; corrosion proof with methanol, Pg 143. Hard anodized aluminum custom modular fuel rails, as we did for the GM Indy 500/IRL engines from 1996-2003; Pg 142. We make our rails smooth on the outside... the finned ones may look "racier", but they absorb more heat from the hot air around the engine and carry it back to the tank in the bypass fuel, which is bad.



Aluminum fuel rail for use with gasoline with standard mount stanchion



Stainless steel fuel rail, silver soldered for use with alcohol with special clamp mount

- B) Throttle Position Sensor
We can machine any corner 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 is actuated by a hex rod, see [Page #149](#).



TPS boss and driver



Several types of TPS adapters and drives



#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 (IAC) motor housing. We have the remote housings and idle air motors, see [Page #145](#).

- 3) Lucas Mechanical Metering was developed and manufactured by the Lucas Aerospace Division in England. It 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. It 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 the premium applications, but Lucas is still used on 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.

