

New Product Announcement

Announcing 3 New Precision Electronic Instrument Voltage Regulators!



Santa Fe Springs, Calif. – M&H Electric Fabricators, the restorer's first choice for automotive wiring systems, proudly introduces 3 versions of the most advanced Precision Electronic Instrument Voltage Regulator (PEIVR) ever produced for 1950s, '60s, and '70s American-made automobiles, guaranteed to improve the accuracy, efficiency and longevity of their factory gauges.

Based on 1950s technology, the OE instrument voltage regulators operated mechanically, using a bi-metal resistance wire to create heat. Based on heat, these mechanical devices would thermally oscillate the bi-metal – switching on and off rapidly – to reduce and regulate the voltage driving the gauges.

Not only is this old technology crude (factory tolerances of the overall system varied by $\pm 10-15\%$ meaning that no two mechanical regulators read alike, even on the same set of gauges!), but the necessary heat generated by this process inherently degrades the gauges and circuitry. Furthermore, mechanical regulators usually peg the gauge needles on startup – as the bi-metal wire warms up inside – which will eventually lead to gauge failure, and many factory gauges can be destroyed by sticking regulators that stop oscillating all together.

All that, however, is finally ancient history thanks to M&H's revolutionary, new PEIVRs, which control voltage using a computer chip rather than the antiquated bi-metal resistance. The PEIVRs oscillate many times faster than their mechanical predecessor, offering a 99% increase in efficiency and accuracy, while eliminating ALL the side effects of the mechanical units. Best of all, this modern technology is invisibly integrated within the stock voltage regulator housing for a factory-original appearance!

The PEIVRs provide 100% consistent voltage/current output, with as little as 5.8 volts DC input at temperatures from -40F to +185F! Gauge needles will hold perfectly steady at all times with no random fluctuations, deflections or jerking movements from rough terrain, warm-up periods or varying voltages in the electrical system.

The PEIVRs are surge protected and polarity protected to prevent accidental damage to them or your gauges. The PEIVRs can continuously drive up to five factory gauges at 100% duty cycle. Their voltage output comes preset from the factory and NEVER requires adjustment, unlike original mechanical units that were set via a screw.

The PEIVRs generate NO heat, preventing heat-related damage common in the mechanical units as well as many aftermarket conversions of factory mechanical units using chips that require heat sinking. They even function with factory Radio Frequency Interference filters, although an RFI suppression capacitor is unnecessary since the PEIVRs do not generate any RFI noise!

For more information, please contact M&H ELECTRIC FABRICATORS, 13537 Alondra Blvd., Santa Fe Springs, CA 90670. Telephone: 562-926-9552. Or visit us on the Web at www.wiringharness.com

Precision Electronic Instrument Voltage Regulators



Part: 39532

OEM: B9MZ-10804-C

Applications:

1960-65	Ford	Car, All
1966	Ford	Car, Except Fairlane, Falcon & Torino
1957-60	Ford	Truck
1961-64	Ford	Truck, All except C-CT-H-HT550 Through 1100
1961-64	Ford	Truck, C-CT-H-HT550 Through 1100 with PCB
1965-66	Ford	Truck
1966-77	Ford	Bronco
1967-69	Ford	Truck, F-T-800 ~ 1000, N-NT-500 ~ 1000P-100 ~ 500



Part: 39533

OEM: C6DZ-10504-A

Applications:

1966-68	Ford	Fairlane, Falcon & Torino
1967-68	Ford	Mustang, LTD, Galaxie 500, Custom, country Squire & Sedan
1969	Ford	Fairlane & Torino
1967-70	Ford	Truck, B-F-100 ~ 750
1969	Ford	Van, E-100 ~ 300
1970	Ford	Truck, F-350
1970	Ford	Truck, L-LT-LTS-800 ~ 900 & LN-LNT-500 ~ 800
1973-75	Ford	Truck, F-350 ~ 500

Precision Electronic Instrument Voltage Regulators



Part: 39549

Ford OEM: COMF-10804-A AMC OEM: 3205695 Chrysler OEM: 2258413

Applications:

1961-64	Ford	Truck, C-CT-H-HT-500 ~ 1100 only
1965-66	AMC	Classic
1966	AMC	American
1967	AMC	Marlin
1967-70	AMC	Rebel
1967-78	AMC	Matador
1968-70	AMC	AMX & Javelin
1962-63	Plymouth	C-Body, Except Imperial
1964	Plymouth & Dodge	C-Body, Except Imperial
1965	Plymouth & Dodge	All Except Imperial
1966	Plymouth & Dodge	All Except Charger & Imperial
1967	Plymouth & Dodge	All Except Charger & Dodge Full Size
1968	Plymouth & Dodge	All A & B-Bodies
1969	Plymouth & Dodge	All A, B & Chryslers, Except Imperial
1970	Plymouth & Dodge	All A, B & Chryslers, Except Imperial
1971-74	Plymouth & Dodge	All A, B-Bodies, Except Chryslers & Imperial, Except Rallye Dash

More new products are on the drawing board, soon to come are Power Window Switches, 4-way hazard switches and many other products still under development.

Please contact M & H Electric Fabricators, Inc.
Marketing Department for more information.

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