Hunter Training Supports OEM Programs





Members of Toyota's U.S. training staff and Hunter's Director of Training Byron Morgan (left) at Hunter's Bridgeton, Missouri Research and Training Center.



Ed Clark, Hunter's OEM Technical Support Specialist works with alignment audit technicians and Ford engineers at assembly plants throughout the Detroit region.



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Hunter Product Manager Dave Scribner, New York Regional Manager Leon Pianka and Mercedes-Benz USA field engineers and managers review the Rolling Smooth wheel vibration diagnostics and service training program at the automaker's Montvale. New Jersev Test Service Center.

bomprehensive training support is an added value that places Hunter equipment far ahead of its competitors. Each year, at regional centers throughout the U.S. and Canada. Hunter staff train thousands of students, experienced technicians, OEM engineers and staff, and other automotive service professionals. In addition to teaching standard programs for passenger cars and heavy-duty trucks, Hunter staff often work with their OEM counterparts to create special programs and field seminars to meet automakers' specific needs.

Hunter Highlights

Hunter Highlights

GM

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With the goal of being recognized as an industry "Best Practice", Hunter vigorously supports its OEM partners as they work to build quality, innovation, excitement and satisfaction. Auto and truck makers worldwide already choose Hunter technology for use in their assembly plants, R&D facilities, training centers and dealer service departments. From design



Volume 86S/2003

News and Trends of the Automotive Service Industry

Choosing Hunter is a "Best Practice"





DAIMLERCHRYSLER











and development to after-sale service, Hunter is part of the process. Hunter equipment is also approved and often required by every major OEM equipment program, ensuring that dealerships can better spend their time building sales and customer satisfaction and not managing difficult service issues.

DSP400 Pit Serves Engineering Platforms at Milford Proving Grounds

pit configurations serve all engineering platforms at General Motors' Milford Proving Grounds building 104. The newest addition to GM's vehicle-engineering project headquarters, building 104 is at the center of GM's plan to define and implement "best practices" throughout the organization. With 150 service bays, the building covers more than five acres. Hunter GSP9700 technology is also employed in the flagship engineering complex.

Dual Hunter aligners with DSP400 Sensors in

Two aligner installations provide Hunter with an important opportunity to evaluate its equipment on the new and experimental vehicle designs tested at the facility.

Mirroring a typical shop configuration, the Hunter-equipped test bays include an upper and lower pit for quick and convenient access to a vehicle's wheel wells and underside.

Designated "North" and "South" Pit Racks, these Hunter alignment systems serve the entire Milford vehicle engineering operation.

Proving Grounds staff designed this unique Hunter DSP400 Sensor target storage apparatus to meet their specialized alignment and audit requirements.

Hunter Featured in Goodwrench Commercials

The technicians in these commercials are the real thing. They were selected from Goodwrench Service shops nationwide.

GM TechLink Cites GSP9700 as Solution to Most Common Customer "Dissatisfier"

UM TechLink recently featured Hunter's GSP9700 as the ideal tool for solving wheel-related shake and vibration, "...one of the most common customer dissatisfiers." The article explains the most common causes of shake and vibration – runout, imbalance and radial force variation – and the GSP9700 procedures to remedy them. The publication also cites the ability to handle each of these vibration issues using a single piece of equipment as a major advantage to service providers.

> GM TechLink, the monthly magazine for GM Dealership Service Professionals, is published by General Motors Parts and Service Operations.

These Hunter DSP400 Alignment Sensor targets at Hunter's Livonia Training Center helped GM present a high-tech look to its high quality Goodwrench Service.

unter has a "starring" role in a series of Goodwrench Service TV commercials now airing nationwide. The ads are comprised of fast moving segments of actual Goodwrench technicians working in a Hunter-equipped shop. To capture the look of an actual Goodwrench Service dealership, GM filmed the ads at Hunter's Livonia, Michigan training center. Twenty separate commercials were edited from the week-long shooting schedule.

Hunter's OCL360 On-Car Brake Lathe, also featured prominently in the commercials, shows the GM Dealer Equipment program color scheme.

Third Hunter 611 Aligner Added at Dearborn Mustang and Cobra Assembly Plant

Hunter Series 611 Alignment Systems audit high-speed assembly alignment and serve as a benchmark at Ford's Dearborn production facility.

Ford has installed a third Series 611 Alignment System with DSP400 Sensors to audit Mustang and Cobra models exiting the line at the auto maker's historic Dearborn assembly plant. Technicians there pull vehicles from the 200,000-plus annual

production run and use the Hunter aligners to quickly and accurately measure them against specification. Locally, Ford Engineers refer to Hunter as the "Umpire" in production alignment because it settles all debate concerning alignment settings.

Experimental Vehicles Tire Lab Adds Five GSP9700s

Ford recently took delivery of five Hunter GSP9700 Vibration Control Systems for its Experimental Vehicles Tire Laboratory in Dearborn, Michigan. GSP9700 technology was first introduced to the Tire Lab in 1998. Shortly after, the lab endorsed its capabilities in a letter to Hunter: *"...it mirrors the Akron Standard unit for tire force variation measurement and tire/wheel matching.*

The Tire Uniformity Grader or "TUG", visible behind the glass partition, now shares lab space with the same Hunter GSP9700 Vibration Control Systems that are available to Ford dealership service departments.

This unit does its job at a very reasonable cost, and we are recommending it to all of our NVH personnel for any tire related vibration/handling issues." The Tire Lab's equipment order also included several Hunter TC3500 Euro-style tire changers. An ideal match for the GSP9700, the TC3500 deftly handles the most sophisticated and difficult-to-mount tire and rim combinations.

GSP9700 Required for Jaguar Dealer Service

Jaguar recently added Hunter's GSP9700 Vibration Control System to its minimum required tools and equipment list making it mandatory equipment for Jaguar dealership service. Hunter responded by developing a GSP97JAG package to meet the specific needs of Jaguar dealers. In addition to the award-winning GSP9700 standard features, the GSP97JAG package includes exclusive wheel mounting cones and adaptor plates. A printer provides a hard copy of simulated road tests for customer consultation or management records.

So that our retailer network can maintain the driving dynamics customers expect from their Jaguar, particularly with regard to balanced ride and handling, we have added the following equipment to the Jaguar Cars minimum required tools and equipment list:

- Road Force Variation (RFV) measuring tire balancer (e.g. Hunter 9700/9712) with printer and monitor
- Specialized mounting flange and cones

Jaguar of Novi's sophisticated building design is a testament to the luxury and quality embodied in the cars sold and serviced at the Michigan dealership. The 38,000 square foot facility includes a service department that is almost exclusively Hunter-equipped.

Technicians at Jaguar's U.S. Headquarters Technical Center in New Jersey use the GSP9700 to isolate wheel vibration. Jaguar, an early advocate of GSP9700 technology, recently named it minimum required equipment for dealer service.

Mercedes-Benz

Mercedes-Benz USA Technical and Education Centers Choose Hunter

Mercedes-Benz USA technical staff use two Hunter HTA-MB alignment systems at the carmaker's headquarters in Montvale, New Jersey. The systems include Hunter 12,000-lb. capacity 4-post MKS alignment racks with extended runways that easily accommodate top-end Mercedes-Benz vehicles including the new Maybach.

Hunter's GSP9700 with the StraightTrak™ Lateral Force Measurement feature has been added to the full line of Hunter equipment approved by Volkswagen AG for use in its workshops worldwide. The approved unit, V.A.G part number VAS6230, displays the V.A.G Workshop Equipment Quality seal of approval and conforms to the V.A.G Workshop Equipment Color Concept.

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Volkswagen of America engineering and training staff discuss vibration issues with Hunter Detroit-area Sales Representative William Keyes at Hunter's Livonia, Michigan Training Center.

The VAS6230 features an available integral wheel lift that allows a technician to mount wheels weighing up to 175 lbs. The V.A.G-approved GSP9700 is now required equipment for new Audi RS6 dealers.

Viper Engineering Center Relies on Hunter Technology

Hunter OEM Program Director Jeff Kern and Viper Team Leader Bill Adams set up an alignment on a Viper test vehicle.

Hunter Sales Representative William Keyes and a Viper Engineering staff member measure the radial force variation of a highperformance Viper wheel assembly.

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DaimlerChrysler Viper Engineering Center staff rely on Hunter undercar technology to support testing and evaluation of the Viper model and other special performance vehicle projects. The facility is equipped with a Hunter RM lift, Series 611 console and DSP308-HFSS electronic sensors for alignment work. Viper engineers and technicians also use off-the-shelf GSP9700 Vibration Control Systems and Hunter TC3500 tire changers to mount, balance and remove force variation from the high-performance wheel assemblies used in vehicle testing.

