

Hunter Highlights

News and
Trends of the
Automotive
Service Industry

New HammerHead™ System Speeds Balancing Service by Eliminating Weight Placement Error

Exact weight placement is a critical step in a quality wheel balance. Even a slight misjudgment when attaching a weight can lead to excessive check-spins, lost time and wasted effort. Hunter's newly announced HammerHead™ TDC Clip-Weight Placement Laser System virtually eliminates weight placement errors. The HammerHead laser system employs Hunter's patented ServoDrive™ system to automatically position the wheel weight location at top-dead-center and then projects a precision laser line to mark the exact weight placement position. The HammerHead system also provides overhead fluorescent illumination for the operator's work area.



The HammerHead™ system is available on Hunter GSP-series wheel balancers or can be retrofitted to qualified Hunter GSP balancers already in use.

The HammerHead™ system eliminates errors by projecting laser lines onto the rim flange at the exact weight placement position.



Hunter Quality Management is Certified by DaimlerChrysler



Oliver Kern (right, foreground) the DaimlerChrysler executive responsible for QMW 1.0 is pictured here with Hunter's St. Louis assembly plant manager Tony Campanella during the recent quality management audit. On-site inspections of Hunter's quality management processes in the St. Louis and Mississippi production plants, product design and engineering, and training areas were part of the audit.

For a third consecutive evaluation period, Hunter has earned the DaimlerChrysler AG Certificate for Quality Management for Workshop Equipment 1.0. According to the Stuttgart-based Service Engineering branch of DaimlerChrysler, Hunter earned the "maximum" or "...almost maximum number of points awarded for each of the individual [evaluation] process elements." Hunter's 2007 score of 93 percent eclipsed its

previous record score of 91 percent in 2004. Fifty percent is required to pass. The QMW 1.0 program extends the DaimlerChrysler's process of continuous improvement of quality to its equipment and service providers. Hunter became the first U.S. company to earn the Certificate in 2000 and remains the only company outside of Germany to have done so.

Autopromotec 2007 — Bologna, Italy



Drawing industry professionals from throughout the world the biennial Autopromotec Exhibition is a key venue for Hunter's International Sales and Marketing staff. Attendees will find a full range of Hunter export products on display at the exhibit of Pogliani & Rivolta S.p.A., the distributor of Hunter products in Italy. The 2007 exhibit was one of largest and most diverse displays of Hunter equipment ever shown at the event.

Super Service Center Provides Unprecedented Product Support



In 1991, the availability of overnight shipping and onset of Internet-based communications led Hunter to centralize its parts supply and technical service support operations into a single Super Service Center in St. Louis. In the sixteen years since, the center has more than tripled in size and volume and continues to increase efficiencies. Continuous upgrading of systems and technologies ensures that

Hunter's Super Service Center achieves or surpasses its mission of quickly supplying parts, technical assistance and off-site repairs for Hunter's 300-plus service representatives located throughout the U.S. The 46,000-sq.-ft. facility maintains an inventory of up to 10,000 items and accommodates same-day order processing from all U.S. time zones. Of the center's 350 to 500 daily orders, *more than 98% are shipped the same day!*



Up to 10,000 items, covering Hunter equipment produced for the last 20 years, are either stocked or drop-shipped from the factory. All individual items are bar-coded for accuracy.

Orders are readied for shipping and triple-checked for accuracy the day they are received. The warehouse team handles as many as 500 orders per day ensuring parts and accessories availability anywhere in the U.S.



The Technical Support Repair Lab handles repairs that Hunter Service Representatives cannot make on-site. Items received are typically on their way back to the customer within 24 hours. Repair Lab staff also provide real-time technical assistance to Hunter Service Representatives via phone or the Internet.

Immediate action by Super Service Center staff helps Hunter Service Representatives in the field minimize customer downtime.



MOTOR Magazine "Covers" Hunter

MOTOR Magazine showcased Hunter technology in its June issue cover story titled "Total 4-Wheel Alignment". The article, by MOTOR senior writer Mike Mavrigian explores four-wheel alignment fundamentals in a contemporary context, reviewing many concepts pioneered by Hunter Engineering Company from the 1940's to the present. MOTOR, founded in 1903 to record the "ascendancy of the automobile" in the U.S., is a publication of Hearst Business Publishing.



Hunter History — 1982

111 Series Wheel Aligner Introduces Microcomputing Technology



This Hunter A111-D4M model aligner featured a mobile cabinet with self-illuminated signage. Four-wheel electronic sensors were hard-wired to the cabinet.

Hunter introduced the Series 111 wheel alignment system, one of the company's most successful product lines, in the spring of 1982. The A111 offered a lineup of industry firsts. Complete four-wheel alignment capability displayed all front and rear alignment readings simultaneously on a CRT. Electronic sensors delivered automatic wheel runout compensation on all four wheels. Real-time specification vs. actual alignment readings and a bar-graph graphic display guided the technician during adjustment. Concerned that technicians might reject the CRT interface, company engineers also prepared a 111 model that used analog readouts. Not a single analog unit was ever sold.

Within two years of its introduction more powerful generations of the Series 111 eliminated more manual steps to make wheel alignment even faster. The C111, for example, stored specifications for 90% of U.S. cars and light trucks sold during the previous 10 years. By the end of the decade the Series 111 offered color, high-definition illustrations to train and guide the technician; printable inspection and alignment data; and infrared optical wheel sensors that eliminated the mechanical toe line. Hunter engineers would later incorporate these innovations into more powerful PC-based alignment systems and lead the industry into the 21st century.

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