



January 31, 2011

General Motors Company has named Hunter Engineering Company's **Road Force® GSP9700** as the **only GM approved balancer**. Highway-speed shaking or vibration on smooth roads is high on the list of customer satisfaction concerns and can often be difficult and time consuming to diagnose and correct. Tire-related highway-speed shake is caused by three distinct variables: imbalance, out-of-round conditions, and tire force variation. Hunter Engineering's Road Force machines are the only service balancers in the industry capable of identifying and offering solutions to these causes of vibration.

With wheel-loading capabilities of up to 1,250 lbs. of force (simulating how the wheel performs under the weight of the vehicle), the Hunter Road Force GSP9700 measures radial force variation of the entire tire/rim assembly. By pinpointing the lowest point of a rim (for runout) and the stiff area of a tire's sidewall (for radial force variation) under load, the assembly can then be match-mounted to offer the best ride quality.

Recent GM tests compared the accuracy and repeatability of the Hunter Road Force GSP9700 to a laboratory tire/wheel uniformity machine (TUG) that costs over half a million dollars. The nearly identical results were both "amazing" and a "real eye-opener" for GM.

Several GM technical service bulletins reference the proper use of the Hunter Road Force GSP9700, and GM Engineering utilizes the Road Force GSP9700 to verify all tire/wheel assemblies returned for warranty claims. GM recognizes the Road Force GSP9700 as an excellent tool for its dealer network and takes this opportunity to give its strongest endorsement.

GM has also given **exclusive approval to Hunter's Direct-Fit Collets**. When used with the Hunter Road Force GSP9700, the Direct-Fit Collet design is considered a real breakthrough for consistency. The shorter, low-taper design fits precisely in the hub bore only, promoting accurate center-mounting and distortion-free clamping, while protecting against damage to certain designs like chrome-clad wheels.

Questions? Please contact **1-800-GM-TOOLS** for your local GMDE field representative.

HUNTER
Engineering Company

Prevent Damage to Chrome Clad Wheels

GM Service Bulletin #09-03-10-016 recommends using an adjustable flange plate to safely mount and prevent finish damage to Chrome Clad or ChromeTech® wheels when performing balancing service.



Order a Hunter Adjustable Flange Plate Today!

Hunter's Adjustable Flange Plate & Stud Kit
Order 700-20-1839-1

Single-plate, sliding-bolt circle design with interchangeable pins provides quick setup and universal fitment.

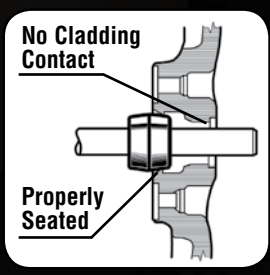


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Added Protection of Direct-Fit Collets

Further protect chrome clad wheels and gain improved mounting accuracy with Hunter's Direct-Fit Collets.

Direct-Fit Collets accurately mount the wheel on the hub bore and do not contact the chrome cladding.



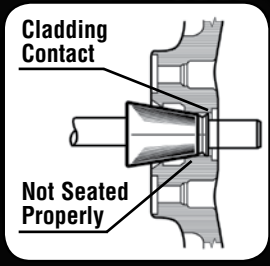
Precision Mounting Kit
Order 700-20-2472-1

Includes Adjustable Flange Plate Kit; 8 double-sided, direct-fit collets; collet selection gauges; spacer ring; and clamping cup.



Call for Pricing

Typical high-taper cones protrude through the hub bore, contacting the chrome cladding and preventing proper mounting of the wheel on the hub bore.



Precision Collet Kit
Order 700-20-2474-1

Includes 8 double-sided, direct-fit collets and collet selection gauges.



Call for Pricing



To order, call 1-800-GM-TOOLS or visit GMDEsolutions.com

