Road Force Touch®
GSP9700
The World’s #1 Diagnostic Balancer
Road Force Touch® at a glance

Now With More Speed!*

✓ Perform a Road Force® test and balance faster than a traditional balancer!

STANDARD

Touchscreen Interface

✓ Intuitive interface
✓ Quickly train new technicians

EXCLUSIVE

eCal™ Auto-Calibration*

✓ True “self-calibration”
✓ No operator input required

* Patent pending

Shown with options
Road Force Touch®

**CenteringCheck®**
- Solves vibration problems
- Identifies vehicle pulls
- Provides “new car ride”

**Auto-Up Hood®**
- Saves time
- Speeds operations

**Diagnostic Load Roller**
- Solves vibration problems
- Identifies vehicle pulls
- Provides “new car ride”

**SmartWeight®**
- Improve balance
- Minimizes weight usage
- Maximizes productivity

**On-Demand Videos**
- Simplify training
- Improve results

**BullsEye™ Centering System**
- Optimize centering
- Prevent wheel damage

**SmartWeight® Balancing Technology**
- Up to 1,250 lbs. of force

**Viewing Options**
- Shown with options
Road Force® test and balance FASTER than a traditional balance.

Measure Road Force on every customer wheel WITHOUT A TIME PENALTY!

**Road Force Touch® Balance**

Road Force Touch® balance starts when hood is lowered

Load roller measures Road Force while technician prepares correction weights

**Traditional Balance**

Balance starts when hood is lowered

Technician prepares correction weights
Road Force Test and Balance

- Wheel is balanced
- Wheel is also verified to roll smooth

Hood raises automatically for technician to install weights and perform check-spin.

Balance

- Wheel is balanced

Technician manually raises hood, installs weights and performs check-spin.
Intuitive touchscreen simplifies balance experience

- Touching weight value servos wheel to weight location
- Rim cutaway displays selected weight mode
- Simple buttons launch less-frequently used functions

Balancing interface at a glance

- One touch to display rim dimensions
- TruWeight™ provides live navigation through selection and placement of wheel weights
- SmartWeight® panel displays wheel balance condition
Low spot on rim is identified

Simple graphics illustrate how to optimize assembly

See predicted improvement in one glance and how to do it

Road Force Measurement® interface at a glance

Road Force panel displays assembly value and limits

Helpful animation explains conditions

Live rim and tire conditions shown on-screen

Color-coding allows operator to visualize Road Force variations
Problem / Solution

Your customer complains about a vibration...

OE technical service bulletins recommend the Road Force Touch® balancer as the vibration solution

A simulated road test pinpoints the problem

The Road Force Touch balancer identifies the tire and rim contributions to radial-force vibration problems

How It Works

An unknown force vibrates the spindle

Vibration is transferred from the wheel, through the spindle to the customer

Specialized sensors detect the vibration

The Road Force Touch balancer detects radial forces with sensitive instruments

Road Force Measurement® solves common vibration
Hold the tire and rotate the rim

Match-mounting the stiffest point on a tire to the low spot on a rim makes the assembly roll as round as possible

Your customer leaves with a “new car ride”!

✓ Your customer experiences a smooth ride on the same tires and wheels

Match-mounting cancels the vibration

The Road Force Touch balancer duplicates tire and rim matching methods used by OE manufacturers

Your customer leaves with a “new car ride”!

✓ Radial force variation is minimized, ensuring your customer a smooth ride
StraightTrak® corrects tire pull

Tires Just Rotated?

Customer complains about vehicle pulling to the left.

Measure Lateral Force to Identify Pull

Tire conicity can ONLY be measured accurately when the tire is under load.

StraightTrak Delivers the Ultimate in Customer Satisfaction

Hunter suggests optimal wheel placement just like OE manufacturers.

Mysterious Left Pull

Pull Identified

Pull Eliminated

* Patent pending
**Revolutionary SmartWeight® by the numbers**

**SmartWeight Balancing Technology**

- Minimizes weight usage
- Maximizes productivity
- Reduces comebacks

Modern vehicles are **4x more sensitive to static vibration forces than couple or dynamic forces.**

7 states have banned lead correction weights, other states will follow.

What this means for you at 10 vehicles per day...

**SmartWeight saves 25 labor hours per year with efficient weight applications.**

Avoid an average of **66 comebacks per year by using SmartWeight.**

An average shop saves **7,130 oz per year with SmartWeight.***

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- **Lead-Free Initiative Growing**
  - 7 states ban lead weights
  - 4 states pending legislation
  - 3 states with governmental actions underway

- **Watch Your Savings Grow!**
  - See weight and labor savings based on your shop's numbers

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*** Calculations based on 10 vehicles per day in a standard working year. Performance differences are those of a SmartWeight-equipped balancer vs. a traditional wheel balancer.
Bring concise information to your business!

Vehicle Database with TPMSpecs®

- Displays proper mounting adaptors
- Presents 100+ TPMS reset procedures in a simple comprehensive, user-friendly way.
- Present TPMS info through any internet-connected shop computer

One-click TPMS access with a bar code scanner! (Scanner sold separately)

TPMS info can be presented through any internet-connected shop computer!

On-screen instruction makes everyone an expert!

High-definition videos instruct on a variety of balancing and tire changing topics.

- Covers basic techniques to more advanced procedures
- Instant access, easy navigation
- On-site training for your technicians

Technicians are guided with helpful tips and timesaving procedures.
**Additional features make balancing faster and easier**

- **Live 3D graphics**
- **Bottom-dead-center laser and wheel light**
- **Most durable shaft in the industry**
- **Integrated Inflation Station**
- **Servo Stop drive control**
  Automatically rotates and holds wheel at top-dead-center or bottom-dead-center weight locations.
- **TranzSaver™**
  Compares tire circumferences as specified by OEs to prevent damage to AWD vehicles.

* Patent pending
**Popular equipment upgrades**

**Integrated wheel lift**
- Safely service heavy, oversized wheels
- Precisely center all wheels

**AutoClamp**
- Clamp wheels automatically
- Save time and effort
- Eliminate wingnut

**HammerHead® top-dead-center laser**
- Greater weight placement accuracy to avoid mistakes
- More single-spin balances improve productivity
- Overhead fluorescent light illuminates work area

**Printer kit with storage shelf**
- Print Road Force Measurement® test results
- Sell and perform TPMS work properly and efficiently
- Win more approvals with clear and informative printouts
**Additional accessories available**

<table>
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<tr>
<th>Adjustable Flange Plate</th>
<th>QuickNut</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optional flange plate kit provides quick setup for maximum coverage (20-1839-1)</td>
<td>Optional wingnut allows fast clamping to standard threaded 40mm shafts. (76-438-2)</td>
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</tbody>
</table>

**GSP9700.com complimentary listing...**

- Free listing on www.GSP9700.com
- Tens of thousands of hits each year
- Customers find you

**Locate a GSP9700 Road Force® Balancer**

**Let us advertise FOR YOU!**

Your Shop Name
Street Address
City, State  Zip Code
Phone number
Approx. X miles from your location
Specifications

Power Requirements
196-253V, 10 amp, 50/60 Hz, 1 ph (Power cable includes: NEMA 20 amp plug, L6-20P)

Air Supply Requirements
100-175 psi (7-12 bar)

Roller Force
Variable up to 1,250 lbs (567 kg)

Capacity

Rim Width
1.5 in to 20.5 in (38 mm to 521 mm)

Rim Diameter
10 in to 30 in (254 mm to 762 mm)*

ALU
14 in to 44 in (356 mm to 1118 mm)*

Max. Tire Diameter
40 in (1016 mm)

Max. Tire Width
20 in (508 mm)

Max. Tire Weight
175 lbs (79 kg)

Radial and Lateral Runout Accuracy
0.002 in (0.051 mm)

Imbalance Resolution
± 0.01 oz (0.28 g)

Placement Accuracy
512 positions, ± 0.35°

Balancing Speed
300 rpm

Motor
Programmable drive system and DC motor

Models**

<table>
<thead>
<tr>
<th>RFT33</th>
<th>RFT32</th>
<th>RFT31</th>
<th>RFT30</th>
<th>RFT23</th>
<th>RFT22</th>
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<tr>
<td>Width (W)</td>
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<td>66 in (1676 mm)</td>
<td>72 in (1829 mm)</td>
<td>66 in (1676 mm)</td>
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<td>Height (H)</td>
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<td>Depth (D)</td>
<td>62 in (1575 mm)</td>
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<tr>
<td>Weight</td>
<td>879 lb (399 kg)</td>
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<td>813 lb (369 kg)</td>
<td>762 lb (346 kg)</td>
<td>753 lb (342 kg)</td>
<td>702 lb (318 kg)</td>
<td>687 lb (320 kg)</td>
<td>872 lb (396 kg)</td>
<td>821 lb (372 kg)</td>
<td>806 lb (366 kg)</td>
<td>755 lb (342 kg)</td>
<td>713 lb (323 kg)</td>
<td>662 lb (300 kg)</td>
<td>647 lb (293 kg)</td>
<td>596 lb (270 kg)</td>
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** Road Force Touch® model numbers are trademarks of Hunter Engineering Company.

Because of continuing technological advancements, specifications, models and options are subject to change without notice.