Road Force® GSP9700

The World's #1 Diagnostic Balancer

Featuring

SmartWeight® Balancing Technology

HUNTER Engineering Company

Road Force® GSP9700 Goes Far Beyond Traditional Function

PATENTED

SmartWeight®

- ✓ Odometer tracks savings
- ✓ Minimizes weight usage
- ✓ Maximizes productivity

STANDARD

Bottom-Dead-Center Laser

- ✓ Speeds tape-weight placement
- ✓ Improves accuracy

Printer Option

- ✓ Prints service record
- ✓ Sell and perform TPMS work

s of a Balancer

PATENTED

Load Roller

- ✓ Solves vibration problems
- ✓ Identifies vehicle pulls
- ✓ Provides “new car ride”

EXCLUSIVE

TPMSpecs™

- ✓ View reset procedures
- ✓ Updateable database

EXCLUSIVE

HammerHead™ Option

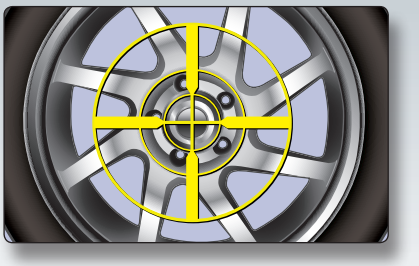
- ✓ Speeds clip-weight placement
- ✓ Improves balance

Wheel Lift Option

- ✓ Easily lift wheel assemblies up to 175 lbs.
- ✓ Aids proper mounting

PATENTED

CenteringCheck®



- ✓ Ensures proper centering
- ✓ Eliminates setup errors

Balance Cycle Time

- ✓ Fastest floor-to-floor balancing time

Road Force Measurement® Solves Your Common Vibra

Problem / Solution

Your customer complains about a vibration…

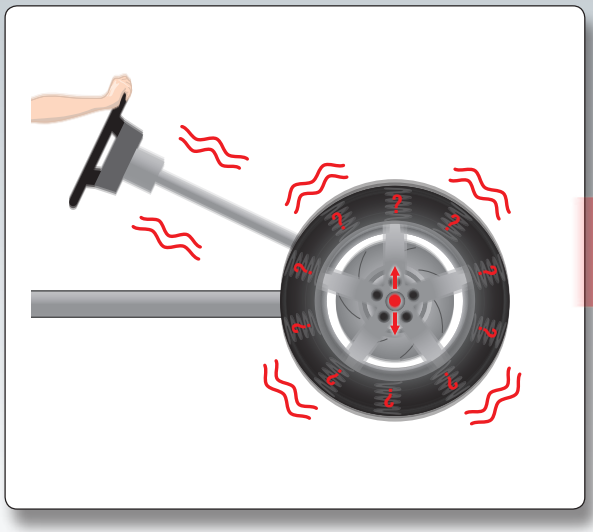
- Vibration problems are common and TSBs recommend the Road Force® balancer to solve them.

A simulated road test pinpoints the problem

- The Road Force balancer identifies the tire and rim contributions to radial 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 balancer detects radial-forces with sensitive instruments.

...tion Problems

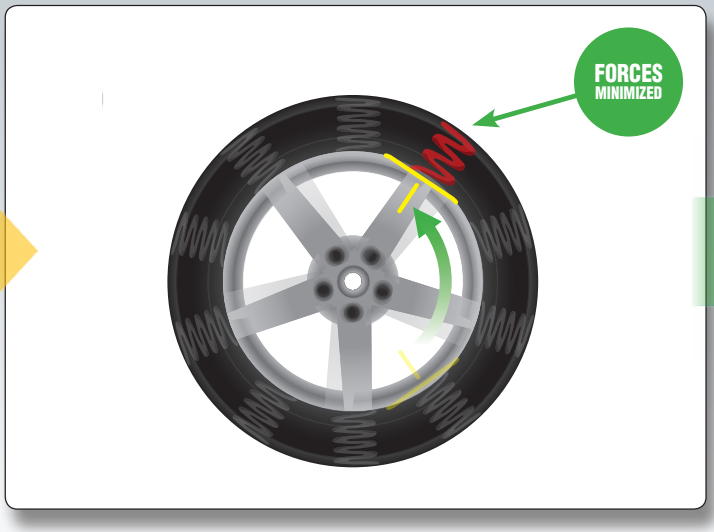
Hold the tire and rotate the rim

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"!

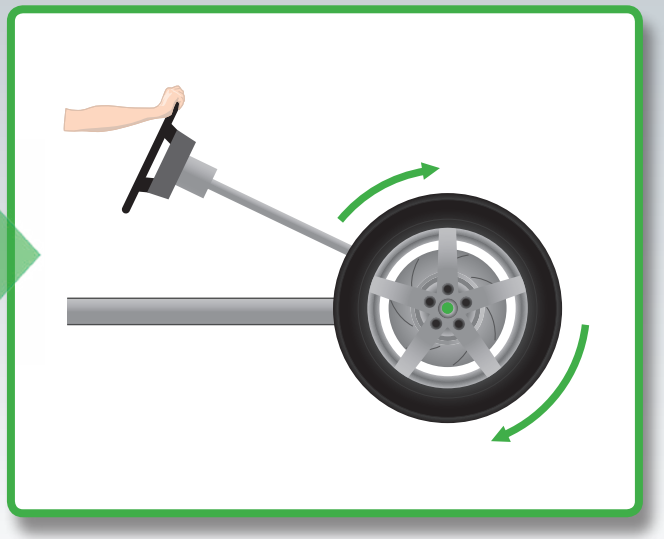
Your customer experiences a smooth ride on the same tires and wheels.

Match-mounting cancels the vibration



The Road Force balancer duplicates tire/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.

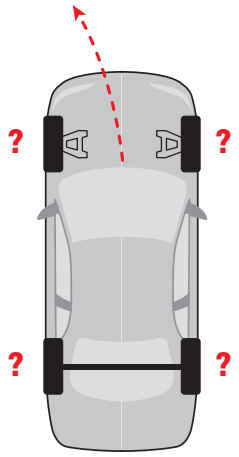
STANDARD

StraightTrak® Corrects Common Pulls

Tires Just Rotated?

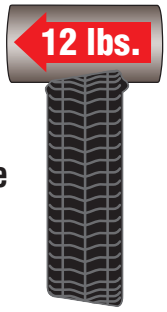
Customer complains about vehicle pulling to the left.

Mysterious Left Pull



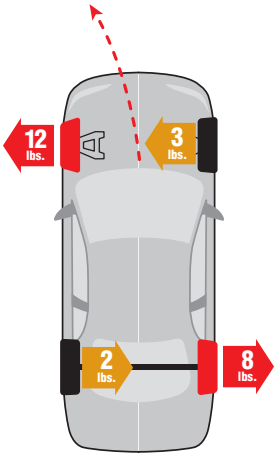
Measure Lateral Force to Identify Pull

Tire conicity can <u>ONLY</u> be measured accurately when the tire is under load.



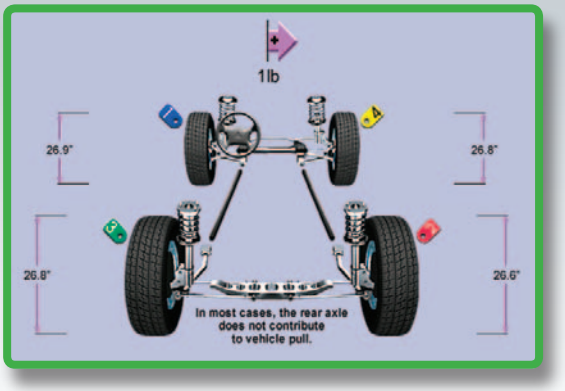
Conicity can cause vehicle to steer away from straight-ahead.

Pull Identified



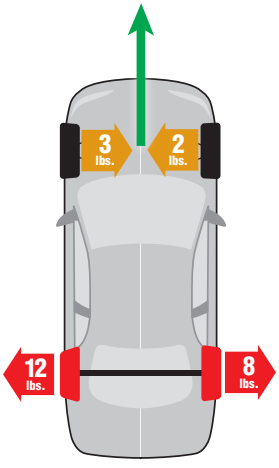
PATENTED

StraightTrak Delivers the Ultimate in Customer Satisfaction



Hunter suggests optimal wheel placement just like OE manufacturers.

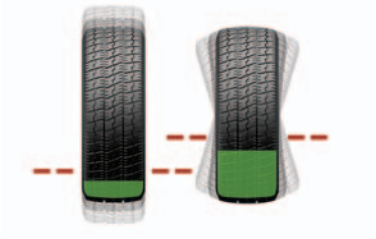
Pull Eliminated



Revolutionary SmartWeight® by the Numbers

PATENTED

SmartWeight
Balancing Technology



- Minimizes weight usage
- Maximizes productivity
- Reduces comebacks

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

+30% — *Non-lead weights cost +30% more than lead.*

2010 — *California will ban lead balancing weights in 2010.*

View Your Savings LIVE!

- Track your weight savings

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

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

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

Watch Your Investment Grow

- See weight and labor savings based on **your** shop's numbers.

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

* 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.

** Timesavings are calculated from comparing single- and no-weight applications when using SmartWeight versus the typical two-weight application of standard balancers.

*** Comeback avoidance is calculated based on residual static imbalance left by standard balancers versus SmartWeight balancers.

Hunter exclusive feature.

EXCLUSIVE

NEW!

TPMSpecs™ Brings Concise TPMS Information to Your Business!

TPMSpecs pulls together ***thousands*** of TPMS reset procedures into a simple, yet comprehensive, user-friendly tool for the technician.

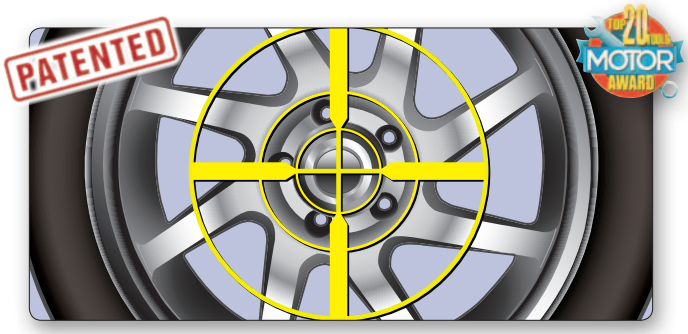
Save time finding vehicle TPMSpecs

Fast and easy, one-click TPMS access with any bar code scanner! (Scanner sold separately)

Hunter TPMSpecs available at check-in too!

As an option, TPMS info can be presented through any internet-connected shop computer!

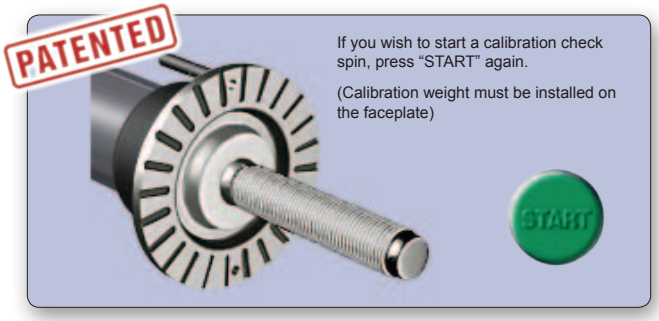
Additional Features Make Balancing Faster and Easier



CenteringCheck®

Balancer will tell you if the wheel is properly centered before you proceed with the work.

- ***Eliminate the #1 cause of comebacks.***



Quick Cal-Check

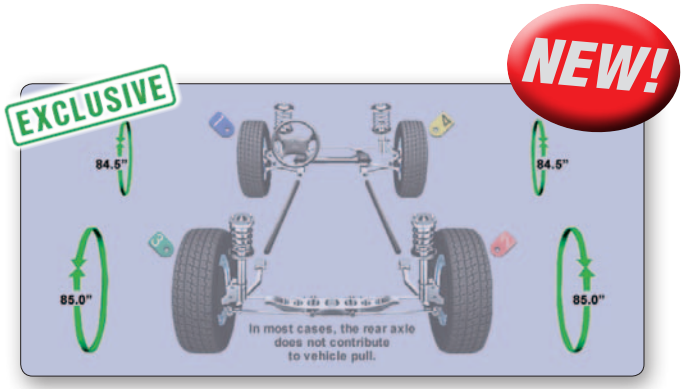
Quickly verify balancer calibration in seconds without the use of a reference wheel.

- ***Ensures proper calibration.***

Automatic Mode Detection

Eliminate the need to select the balance mode and reduce service time and possible mode entry errors.

- ***No need to push buttons.***



TranzSaver™

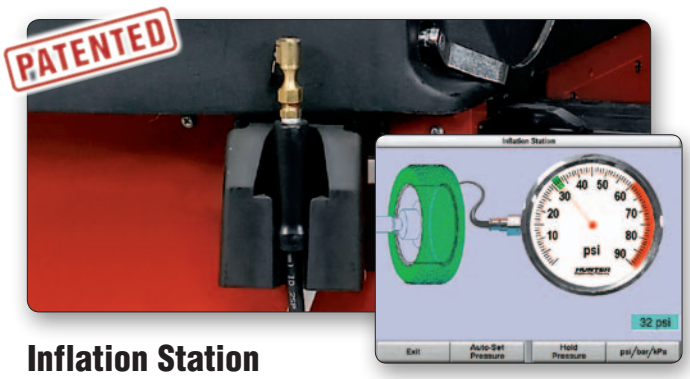
Compares tire circumferences as specified by OEs to prevent damage to AWD vehicles.

- ***Prevents costly mistakes.***

Servo Stop Drive Control

Automatically rotates and holds wheel at top-dead-center or bottom-dead-center weight locations.

- ***Saves time and increases balancing accuracy.***



Inflation Station

Provide proper inflation pressure with convenient automatic controls.

- ***Record each tire's pressure, before and after inflation.***

Popular Equipment Upgrades

Integrated Wheel Lift

- Safely service today's heavy, oversized wheels.
- Precisely center all wheels.

AutoClamp

- Clamp wheels automatically.
- Saves time and effort.
- Eliminates the wingnut.

EXCLUSIVE

HammerHead™ Top-Dead-Center Laser

- Greater weight placement accuracy to avoid mistakes.
- More single-spin balances improve productivity and shop profitability.
- Overhead fluorescent light illuminates work area.

Correct

Incorrect

Printer

- Print Road Force Measurement test results.
- Print TPMSpecs procedures.
- Show your customers their results.

Convenient Storage Options

Available as a balancer-mounted or mobile caddy model.

Available as a field-installed option.

Accessories Available For All Your Balancing Needs

Hunter offers hundreds of accessories to customize your balancer to your service needs.

See Form 3203-T for more information.

Specifications*

Power requirements:
230V (+10%/-15%), 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 & lateral runout accuracy: 0.002 in (0.051 mm)

Radial force measurement accuracy: 2 lbs, 10N (1.0 kg)

Imbalance resolution: ± 0.01 oz (0.28 g)

Placement accuracy: 512 positions, ± 0.35°

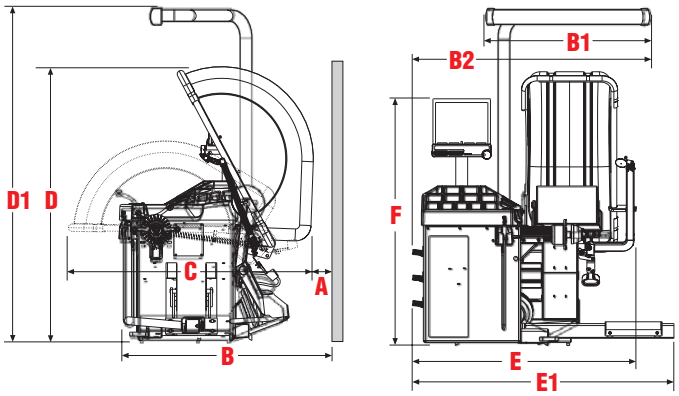
Balancing speed: Variable rpm, direction and torque (0-300 rpm)

Motor: Programmable drive system and DC motor

Shipping weight: 650 lbs to 850 lbs (295 kg to 385 kg)
with wheel lift: 750 lbs to 950 lbs (340 kg to 430 kg)

* Some dimensions, capacities and specifications may vary depending on model, accessories and tire and wheel configurations.

Road Force GSP9700 Dimensions**



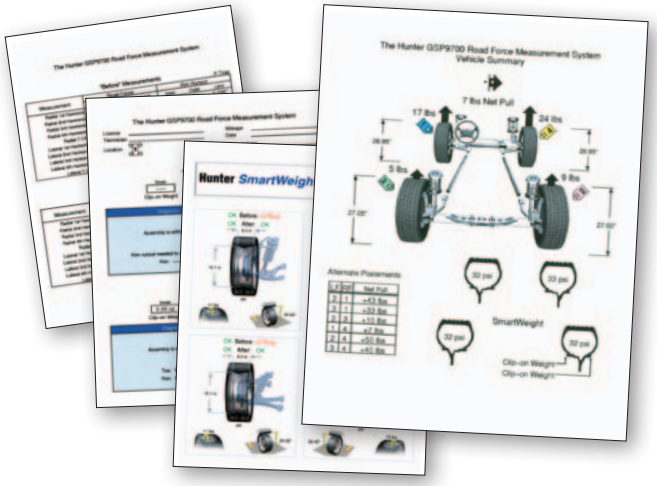
A	10 in (254 mm)	D	73 in (1854 mm)
B	61.5 in (1562 mm)	D1	86 in (2184 mm)
B1	41 in (1041 mm)	E	56.5 in (1435 mm)
B2	58 in (1473 mm)	E1	66 in (1676 mm)
C	62 in (1575 mm)	F	64 in (1626 mm)

*** Shown with optional wheel lift and HammerHead feature.*

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

See GSP9700.com for additional information!

Increase Revenue with Hunter Merchandising!



NEW!

Win more approvals with *clear* and *informative* printouts

Sell and perform TPMS work *properly* and *efficiently*

Introduce your wheel balancing capabilities with great Point-of-Sale options from Hunter

Be sure to check out other Hunter literature for more quality products from Hunter Engineering.

HUNTER Engineering Company

www.Hunter.com

Mixed Sources
Product group from well-managed forests and other controlled sources
www.fsc.org Cert no.
© 1996 Forest Stewardship Council

Form 4159-T, 08/09
Supersedes 4159-T, 07/08