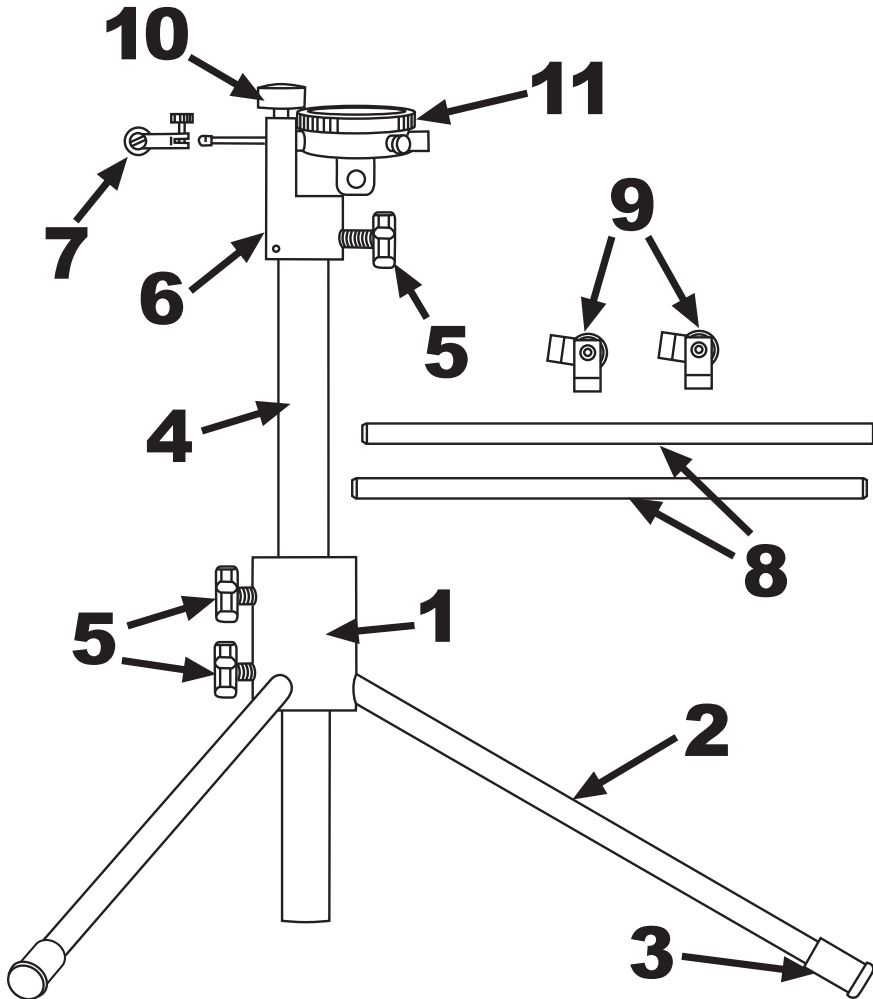


ASSEMBLY INSTRUCTIONS

1. Screw in 3 legs (#2) into Base Center Housing (#1)
2. Install Head Block Assembly (#6) on top of Center Shaft (#4) and tighten thumbscrew (#5).
3. Install Dial Indicator (#11) through hole in Head Block and retain with thumbscrew.



ITEM	PART DESCRIPTION	PART NUMBER	QTY
1	BASE CENTER HOUSING	6425112	1
2	LEG	6425114	3
3	RUBBER TIP	6425116	3
4	CENTER SHAFT	6425113	1
5	THUMBSCREW	6425117	3
6	HEAD BLOCK	6425211	1
7	ROLLER TIP	642540	1
8	STEEL ROD	6425019	2
9	SWIVEL CLAMP	6425018	2
10	THUMBSCREW	81138	1
11	DIAL INDICATOR	33174	1

USE INSTRUCTIONS



As a runout gauge

1. Unscrew small tip from Dial Indicator and place in holder on side of head block.
2. Install the Roller Tip Assembly (#7)
3. Lock Roller Tip and Dial Indicator in position so roller is level with tire or surface to be tested.
4. Use minimum and maximum moveable tabs on dial indicator to determine runout.



As an extended dial indicator

1. Remove Dial Indicator from Head Block and install small tip.
2. Install one Steel Rod (#8) into Head Block and lock in place.
3. Use a Swivel Clamp (#9) along with Dial indicator to position on surface to be measured. Use additional Steel Rod and Swivel Clamp to extend the range and angle of the Dial Indicator.



Radial Run-Out Gauge & Suspension Wear Gauge Part #64250

Displays exact measurements for tire, wheel, and disc brake run-out. Measures ball joint and tie rod play and adjusts height to adapt to both automotive and heavy truck applications. Great when measuring those hard to reach areas.

- Measures out of round condition which can cause front end vibration
- Pinpoints high and low spots in the tire

Tire Radial Run-Out

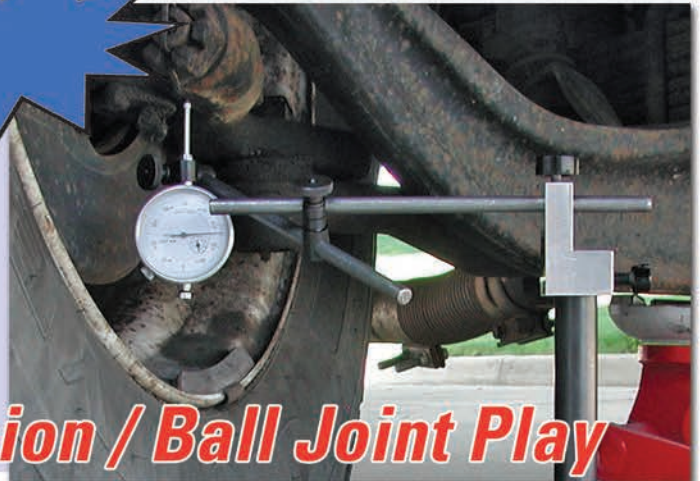


Includes:

- Heavy duty tripod
- Wide machined roller
- Accurate pin-pointer
- Ball joint/tie rod extenders

- Measure kingpins ball joints, and tie rod end axial & radial play
- Use extender rods for hard to reach areas

Suspension / Ball Joint Play



Please refer to Specialty Products Wheel Alignment Specifications Book (part #82010) for ball joint specifications

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- Adjustable Ball Joints
- Adjustable Upper Control Arms
- Eccentric Cams
- Complete line of shims
- Specialty Tools and Gauges

- Check for bent or out of round wheels
- Out of round wheels may cause a shimmy condition

Wheel Lateral Run-Out



- Measure brake rotor high spots and out of round
- Measure hub radial play

Brake Rotor and Hub Run-Out



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