



Heavy Duty Alignment

Protect your investment with an alignment performed by a professionally trained Kal Tire technician.



Would you operate a truck you knew was dragging its tires?

A drive axle out by a mere 1/16" will push the steer tires sideways for 13.5 feet of every kilometre driven!

✓ Fuel savings

Since misaligned axles drag tires across the pavement and increases rolling resistance, even a one-degree misalignment on one axle can lead to a 2% fuel loss*.

✓ Extend tire wear

Misaligned axles can cause tire tread to scrub off, kilometre after kilometre, creating irregular wear and reducing tire life by up to 30%**.

✓ More uptime

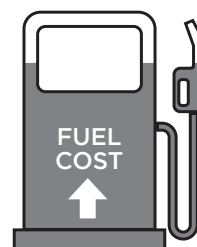
Properly aligned axles promote even tire wear, reducing premature wear and blowouts.

✓ Ride comfort & handling

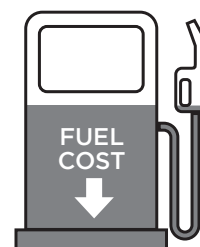
Alignment improves:

- Handling and maneuverability
- Wheel returnability
- Drifting and pulling
- 'Dog tracking'
- Driver comfort, reducing fatigue

Save up to 2% on fuel*



NON-ALIGNED



ALIGNED

Extend tire wear up to 30%



Non-aligned



Aligned

80% of trucks on the road have a front wheel misalignment and 70% have a rear wheel misalignment^.

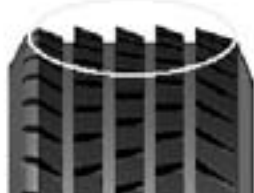
Is your truck one of them?

Signs of a misalignment and reduced equipment performance



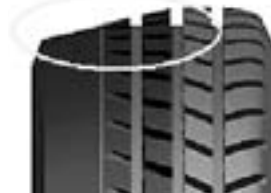
CUPPING

A possible result of moderate to severe assembly out of balance condition, **cupping** appears as localized patches that look scalloped.



Feathering

When tread ribs are worn so that one side is higher, this is called **feathering**. There could be multiple causes including front and/or rear defective suspension or steering components.



One-sided wear

Also known as shouldering, **one-sided wear** extends across the entire shoulder rib to a major tread groove. This condition is often caused from a rear axle misalignment.

Save at the pump and save your tires with an expert wheel alignment.

Save up to 2% on fuel**

Annual fuel savings with alignment^^

Average kms per year per truck	161,000
Average kms per litre	2.40
Diesel price per litre	\$ 2.10
Cost per year per truck	\$ 140,875.00
Percentage of fuel savings - after alignment	2%
Annual fuel savings after alignment (per truck)	\$ 2,817.50
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Number of trucks in fleet	10
Annual fuel savings after alignment (fleet)	\$ 28,175.00

Contact your sales representative to calculate fleet savings

Increase the longevity of your equipment, keep your tires performing at their best and improve fuel economy and ride comfort with a Kal Tire alignment. **To learn more or book an appointment, contact your sales representative.**



1-844-525-7761



*Tire Review 7/13/2011 states that misalignment can penalize fuel economy by 2.2%. **www.forconstructionpros.com article "How to Lengthen Tire life on Commercial Trucks" notes a good alignment program can boost your tire mileage by as much as 30%. ^According to Hunter Engineering's Wheel Alignment on HD Trucks. ^^As calculated based on trucking averages and industry estimates.