

Drive the 5 Vehicle maintained

The following pages contain Action Card handouts drivers can keep in their vehicles for reference after corresponding toolbox talks. Please note the following for successful printing:

- Handouts are set as 4-up, with 4 cards per page
- Each page has visible crop marks, so a commercial printer can trim to a final size of 4.25" x 5.5"
- 4-color digital printing is recommended
- Print on durable card stock such as 60-80 lb. laser cover paper (matte)
- If printing on 8.5" x 11" sheets, make sure you are printing at 100%, center content and print double sided do not scale to fit page
- Use the index below to determine the pages you would like to print make sure you select BOTH
 pages for each subject

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For assistance with risk management services or safety resources, contact us at RMSolutions@nationwide.com or 1-800-260-1356.

NationwideAgribusiness.com

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Prioritize brake safety

Brakes play a crucial role in accident prevention. Don't neglect them!

Inspect brake pads: 1

- For drum brakes, ensure they have at least 1/4 inch of pad material.
- For disc brakes, verify they have at least 1/8 inch of pad material.
- Look out for cracks in drums and rotors.

2 Check for air leaks:

- During airbrake checks, listen carefully for any leaks.
- Investigate any audible air leaks within the system. Confirm that the low air pressure signal activates as expected.
- Always verify if the low air pressure signal activates at the specified P.S.I.

3 Assess brake tubing:

- Inspect brake tubing for signs of damage:
- No broken, cracked, or crimped airlines.
- No improper repairs or wear.
- Ensure reinforcement ply and plastic tubing retain their original color - white showing through on plastic is a violation.

4 Inspect brake chambers:

- Look for non-manufactured holes.
- Ensure brake components are securely in place and fully operational.

5 Adjust brakes properly:

· Verify adjustment based on air chamber size.

For further guidance, refer to Federal Motor Carrier Safety Administration 49 CFR Part 382 (ecfr.gov/current/title-49/part-382).

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Prioritize light safety

Don't overlook vehicle maintenanceit's crucial for accident prevention!

Check light functionality: 1

- Before hitting the road, always verify that all lights are working.
- Even during daylight driving, inspect headlights they might be needed unexpectedly.

2 Keep lights clean:

- Regularly wipe off dirt and clear snow or ice from lights.
- Note that LED lights don't generate heat to melt snow or ice.

3 Inspect trailer lights:

- Ensure the power connection between the power unit and trailer is intact.
- Confirm that trailer lights are functioning correctly.

4 Verify signal lights:

- Test turn signals, stop lamps, and hazard lights.
- Make sure they operate as expected.

5 Conspicuity tape:

- Check conspicuity tape is in the required locations.
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393 Subpart B (ecfr.gov/current/title-49/part-393/subpart-B).

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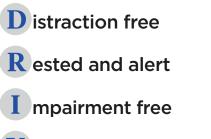
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Load distribution and securement



1 Know the weight and length:

Know the weight and dimensions of the cargo you're transporting.

2 Use sufficient securement devices:

- For items up to ten feet, have at least two securement devices.
- Add another device for each additional segment of 10 feet. If securing vehicles or wheeled equipment, use 4 direct tiedowns at axles from securement point to equipment with a tensioning device.
- Ensure the devices can secure at least 50% of the load's weight.

3 Check securement devices:

- Be aware of the working load limit of your securement devices.
- Inspect them to ensure they're in good working condition.
- Avoid using unapproved or defective securement devices.

Inspect securement points:

- Examine the securement points on the trailer or truck bed.
- · Ensure no defects and that they are working properly.

5 Load distribution:

- Follow the 60-40 rule when loading a trailer:
- Place 60% of the weight in front of the axle.
- Distribute 40% behind the axle.

For further guidance, refer to Federal Motor Carrier Safety Administration 49 CFR Part 393 (ecfr.gov/current/title-49/part-393).

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Maintenance on pickups towing trailers



Proper maintenance is essential to ensure safe towing-remember these 5 key maintenance tips:

Fluid levels:

- Regularly check engine oil, transmission fluid, and coolant.
- Low fluid levels can cause damage; consider more frequent oil changes.

2 Brakes:

- Ensure good brake condition.
- Check pads, rotors, and fluid.
- Faulty brakes are dangerous when towing heavy loads.

3 The pressure:

- Properly inflate tires.
- Refer to your manual for recommended pressure.
- Use a gauge, not a tire thumper.

4 Suspension:

Inspect shocks, struts, and hitching system.

5 Cooling and transmission:

- Optimize cooling system.
- Use "tow/haul" mode to prevent transmission overheating.

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For additional maintenance tips, visit Advance Auto Parts: 10 Maintenance Tips Before You

Fow (shop.advanceautoparts.com/r/advice/car-truck-mods/10-towing-maintenance-tips)

For additional maintenance tips, visit Advance Auto Parts: 10 Maintenance Tips Before You Tow (shop.advanceautoparts.com/r/advice/car-truck-mods/10-towing-maintenance-tips)

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Tire safety

Prioritize vehicle maintenance for accident prevention.

1 Tire tread depth:

Tires.pdf:2

- · Ensure tires exceed FMCSA minimum requirements.
- Steer tires: minimum 4/32 inches.
- Drive/trailer tires: minimum 2/32 inches.
- Use a tread depth indicator to measure within major grooves.

2 Proper tire inflation

- Check tire air pressure as specified on the tire or in the vehicle's door frame.
- Listen for any audible air leaks during inflation.

3 Sidewall inspection:

- Examine sidewalls for damage
 - Look for signs of bulging, dry rot, cuts, or exposed ply.
 - Pay special attention to the area between dual tires.
 - Remove any foreign material stuck to the sidewalls.

4 Weight load and speed considerations:

Ensure each tire's weight load doesn't exceed the maximum capacity marked on the sidewall. • Determine the tire's speed rating and do not exceed.

5 Avoid contact with vehicle parts:

- Prevent tires from touching any part of the vehicle.
- Steer tires: turn wheels to maximum in both directions to check clearance.
- Verify the suspension system prevents frame-tire contact.

For further guidance, refer to Federal Motor Carrier Safety Administration 49 CFR Part 393 Subpart G (ecfr.gov/current/title-49/part-393/subpart-G)

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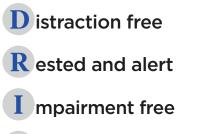
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Trailer maintenance

and inspection

Taking care of your trailer isn't just about safety—it's also about keeping things running smoothly. Regular maintenance helps prevent accidents and costly breakdowns.

Pre- and post-trip inspections:

- Regularly inspect your trailer to catch issues before they worsen.
- Ensure every part of the trailer can support heavy loads.

2 Tire inflation:

- Maintain proper air pressure to maximize tire life.
- Pay special attention to inside dual trailer tires.
- Regularly check tires for cuts, punctures, or valve core stem issues.

3 Safety features:

Inspect air lines, wiring for lights, and anti-lock braking system.
Inspections and maintenance ensure safe operation during emergencies.

4 Coupling devices:

- Adjust fifth wheel if needed and lubricate properly.
- Inspect pintle hooks and eyes for excessive wear do
- not grease.
- Confirm the trailer receiver and hitch ball are compatible sizes and securely pinned.

5 Lights and conspicuity tape:

- Test all trailer lights before use and keep conspicuity tape clean.
- Look for signs of condensation within light assemblies to prevent electrical issues.

For further guidance, refer to the National Trailer Manufacturers-Trailer Maintenance (trailersafetyweek.com/trailer-maintenance).

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