

## NORTH AMERICAN STANDARD INSPECTION PROCEDURE

### 1. PREPARE THE VEHICLE AND DRIVER

Instruct the driver to remain at the controls, and turn the engine off. (Allow cool down time for turbo-charged engines.) Place chock blocks in position beginning on the driver's side, one in front, and one behind the driver axle tires or between the axles, and advise the driver that the wheels have been chocked.

Have the driver place the transmission in neutral and release all brakes.

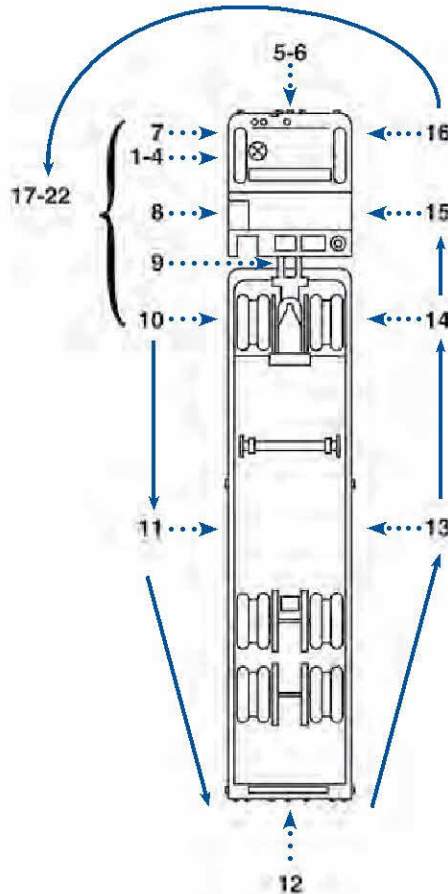
Advise the driver in the use of hand signals. (Lamps and brakes.)

### 2. CHECK DRIVER'S REQUIREMENTS

- **DRIVER LICENSE (391.11)**  
Check for expiration date, birth date, status check.
- **MEDICAL CERTIFICATE (391.41)**  
Check for expiration date, corrective lenses, hearing aid, signatures. Canadian driver license services as medical certificate.
- **MEDICAL WAIVER (if applicable) (391.49)**  
Check for expiration date, and make sure form is completed. Note the stated physical limitations.
- **RECORD OF DUTY STATUS (395.8) (395.3)**  
Updated to last change of duty status, today's date, legible handwriting, past 7 days recorded, mileage, driving time, on duty time, vehicle numbers, carrier name, signature.  
"Remarks" section may include locations of duty status change, unusual circumstances that delay the trip, and shipping document numbers or the name of the shipper. Check for written authorization for interactive electronic recording devices, if applicable.
- **DRIVER VEHICLE INSPECTION REPORT (396.11)**  
Check for I.D. number of vehicle(s) inspected, record of defects found (if any), and signatures.
- **SHIPPING PAPERS/BILL OF LADING**  
Check for listings of hazardous materials indicated by the first entry, an "X" in the H.M. column, or a contrasting color. Papers must be within arm's reach and visible.
- **SEAT BELT (392.16)**  
Check for condition and usage
- **ALCOHOL AND DRUGS (392.4) (392.5)**  
Check for violations

### 3. CHECK FOR PRESENCE OF HAZARDOUS MATERIALS

- **PLACARDS**  
Check for the presence of placards, but use caution even if none are posted.
- **LEAKS, SPILLS, UNSECURE CARGO**  
When hazardous materials are present, be **ESPECIALLY** careful with leaks, spills, or unsecure cargo.
- **MARKINGS**  
Cargo tanks and portable tanks will display markings on an orange panel or placard. They indicate the I.D. number of the hazardous materials. There are exceptions to this rule.
- **LABELS**  
When containers are visible, labels will identify the hazardous materials. There are exceptions to this rule.



### 4. INSIDE CAB

- **STEERING LASH**  
Measure amount of steering lash and compare with Out-of-Service Criteria.
- **STEERING COLUMN**  
Check for unsecure attachment.

### 5. FRONT OF TRACTOR

- **HEAD LAMPS, TURN SIGNALS, EMERGENCY FLASHERS (393.25)**  
Check for improper color and operation.
- **WINDSHIELD WIPERS (393.78)**  
Check for improper operation. Two wipers are required unless one can clean the driver's field of vision.
- **WINDSHIELD (393.60)**  
Check for cracks or other damage. Check for decals or stickers in field of vision.

### 6. STEERING AXLE

**INFORM THE DRIVER THAT YOU ARE GOING UNDER THE VEHICLE, AND TO LISTEN FOR YOUR INSTRUCTIONS.**

- **STEERING SYSTEM (BOTH SIDES) (393.209)**  
Check for loose, worn, bent, damaged or missing parts. Instruct the driver to rock the steering wheel, and check key components: front axle beam, gear box, pitman arm, drag link, tie rod, tie rod ends.
- **FRONT SUSPENSION (BOTH SIDES) (393.207)**  
Check for indications of misaligned, shifted, or cracked springs, loosened shackles, missing bolts, springhangers unsecure at frame, and cracked or loose U-bolts. Also, check for

unsecure axle positioning parts and signs of axle misalignment.

- **FRONT BRAKES (BOTH SIDES) (393.48)**  
Check for missing, nonfunctioning, loose, contaminated, or cracked parts on the brake system, such as brake drum, shoes, rotors, pads, linings, brake chamber, chamber mounting push rods, slack adjusters.  
Check for "S" cam flip over. Be alert for audible air leaks around brake components and lines.  
With the brakes released, mark the brake chamber push rod at a point where the push rod exits the brake chamber. Mark the push rods on both sides at this time; all push rods will be measured in ITEM 10.
- **FRONT AXLE**  
Check for cracks, welds, and obvious misalignment.
- **FRAME and FRAME ASSEMBLY**  
Check for cracks, or any defect that may lead to the collapse of the frame.

### 7. LEFT FRONT SIDE OF TRACTOR (393.205)

- **LEFT FRONT WHEEL & RIM**  
Check for cracks, unseated locking rings, broken or missing lugs, studs or clamps. Bent or cracked rims, "bleeding" rust stains, loose or damaged lug nuts and elongated stud holes.
- **LEFT FRONT TIRE (393.75)**  
Check for improper inflation, serious cuts, bulges.  
Check tread wear and measure major tread groove depth.  
Inspect sidewall for defects.  
Check for exposed fabric or cord.  
Radial and bias tires should not be mixed on the steering axle.

### 8. LEFT SADDLE TANK AREA

- **LEFT FUEL TANK(S) (393.65)**  
Check for unsecure mounting, leaks, or other damage. Verify that the fuel cross-over line is secure. Check for unsecure cap(s).  
Check ground below tank for signs of leaking fuel.
- **TRACTOR FRAME (393.201)**  
Check frame rails and cross members on the tractor just behind the cab, looking for cracks, bends, or excessive corrosion.
- **EXHAUST SYSTEM (393.83)**  
Check for unsecure mounting, leaks (under the cab), exhaust contacted by fuel or air lines or electrical wires.

### 9. TRAILER FRONT

- **AIR & ELECTRICAL LINES (393.28)**  
Lines between tractor and trailer should be suspended and free of tangles and crimps. They should have sufficient slack to allow the vehicle to turn. Inspect line connections for proper seating.  
Listen for audible air leaks.
- **FRONT END PROTECTION (393.106)**  
Check for height requirements. (Note exceptions.)

### 10. LEFT REAR TRACTOR AREA (393.205)

- **WHEELS, RIMS & TIRES**  
Inspect as described in ITEM 7.  
Check inside tire of dual for inflation and general condition.  
Tires should be evenly matched (same

