

## Combination Vehicle Inspection Memory Aid

### FOR STUDYING PURPOSES ONLY

Engine Compartment
Oil level
Coolant level
Power steering fluid/belt/gear
Water pump belt/gear
Alternator belt/gear
Air compressor belt/ gear
Leaks and hoses
<b>Steering</b>
Steering box & hoses
Steering linkage
<b>FRONT AXLES</b>
<b>Front Wheel</b>
Tires
Rims
Lug nuts
Hub oil seal
<b>Front Suspension</b>
Springs & shocks
Spring mounts
U-bolts
<b>Front Brake</b>
Brake hoses or lines
Brake chamber
Slack adjuster & push-rod
Drum & linings or rotor & pad

Tractor Cab/ Chassis
Door & mirror
Fuel tank, caps & links
Catwalk & steps
Lights & reflectors
<b>Under Vehicle</b>
Drive shaft
Exhaust system
Frame
<b>Tractor Rear Axle</b>
Tires
Rims
Lug nuts
Axle seal
Spacers or budd spacing
<b>Rear Suspension</b>
Springs & air bags & shocks
U-bolts
Spring/air mounts & torque arm
<b>Rear Brakes</b>
Brake hoses or lines
Brake chamber
Slack adjuster & push-rod
Drum & linings or rotor & disk
<b>Rear of Tractor</b>
Splash guards
Lights, reflectors & reflector tape

SEMI-TRAILER
<b>Trailer Front</b>
Header board or bulkhead
Lights & reflectors
<b>Side of Trailer</b>
Landing gear
Frame & tandem release
Doors & ties & lifts
Lights & reflectors
<b>TRAILER AXLE</b>
<b>Wheels</b>
Tires
Rims
Lug nuts
Axle or hub oil seal
Spacers or budd spacing
<b>Suspension</b>
Springs, air bags & shocks
U-bolts
Spring/air mounts & torque arm
<b>Brakes</b>
Brake hoses or lines
Brake chamber
Slack adjuster & push-rod
Drum & linings or rotor & disk

**Front of Vehicle**  
Lights & reflectors  
Puddles underneath

**Engine Start Procedures**

#### IN CAB INSPECTION & SAFE START

Safety belt  
Emergency equipment  
Safe start  
Temperature gauge  
Oil pressure gauge  
Ammeter or voltmeter gauge  
Air gauge  
Lighting indicators (LR4HB)  
Horn(s)  
Heater & defroster  
Windshield & mirrors  
Wipers & washers  
Parking brake  
Service brake/ ABS  
Air brake check (LAB)

#### COUPLING DEVICE

**Tractor**  
Air & electric lines/ connectors  
**Semi-Trailer**  
Air & electric connectors  
**Coupling System**  
Mounting bolts  
Platform  
Locking jaws or lever  
Release arm & safety latch  
5<sup>th</sup> wheel skid plate  
Slider 5<sup>th</sup> wheel pins  
Kingpin  
Apron  
Gap

**Rear of Trailer**  
Splash guards  
Lights and reflectors & reflector tape

