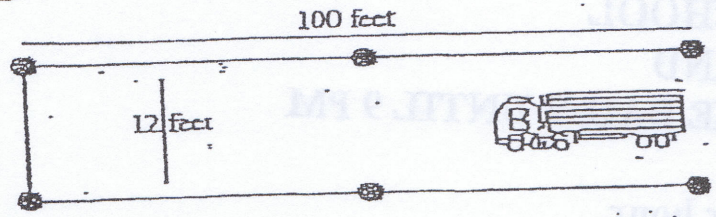


CDL SKILLS TESTS

1

FORWARD STOP and STRAIGHT LINE BACKING



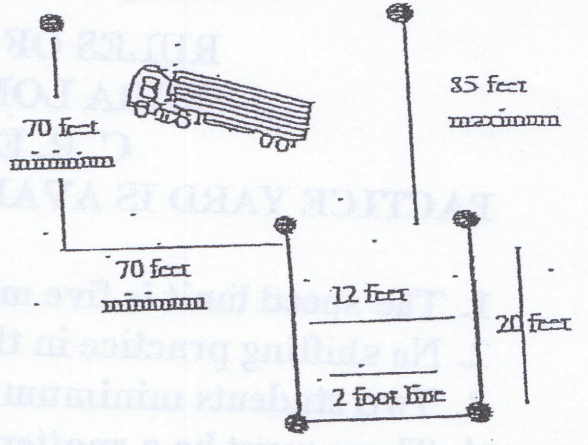
FORWARD STOP:
Drive through the alley without going over the boundary lines or hitting a cone and stop with your front bumper as close as possible to the line at the end of the alley without going past it. You may stop only once. Once you have stopped do not pull ahead. Do not lean out of the window or open the door to see better. I will signal you when to move forward. When you finish, set your parking brake and tap your horn. Do you have any questions?

STRAIGHT-LINE BACKING

Drive straight forward until I signal you to stop. I will then signal you to back down the alley. Keep your vehicle within the 12 foot lane outlined by the cones. Do not touch any cone. Stop once your rear bumper has cleared the last set of cones at the end of the alley. When you finish, set your parking brake and tap your horn. Do you have any questions?

2

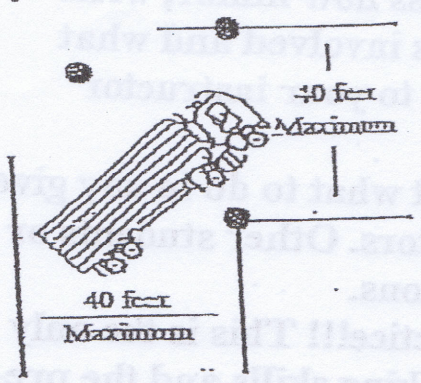
ALLEY DOCK



Drive past the entrance to the alley and set yourself up so that your vehicle is positioned on the left side of the cone (point to reference cone). Stop and then back into the dock. Keep the vehicle within the alley dock outlined by the cones and do not touch any cone. You may pull forward to correct the vehicle, however, you can not pull forward past the cone positioned 85 feet in front of the alley dock opening (point to the boundary cone). Try to get as close as possible to the back of the alley without going past the markers. When I wave you forward you may begin. When you finish, set your parking brake and tap your horn. Do you have any questions?

3

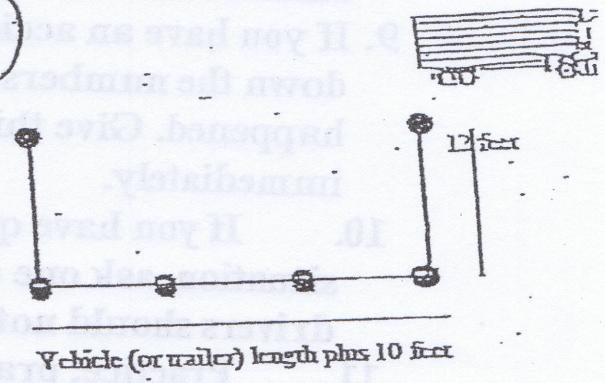
MEASURED RIGHT TURN



Drive slowly forward and make a right turn around that cone. Bring the rear wheels of the vehicle (or trailer) as close as possible to the base of the cone without hitting it. I will walk up to the cone. When I wave you forward, you may begin. When you finish, set your parking brake and tap your horn. Do you have any questions?

4

PARALLEL PARKING



Drive by the parallel parking space, stop, then back into it. Get the vehicle (for Class A, only the trailer) completely in the space without hitting a cone or going over the boundary lines. When I wave you forward you may begin. When you finish parking, set your parking brake and tap your horn. Do you have any questions?

RED IDENTIFICATION LAMP

RED SIDE MARKER SIDE REAR

TREAD FRONT 4/32" REAR 2/32"

SIDEWALL

VALVE STEM

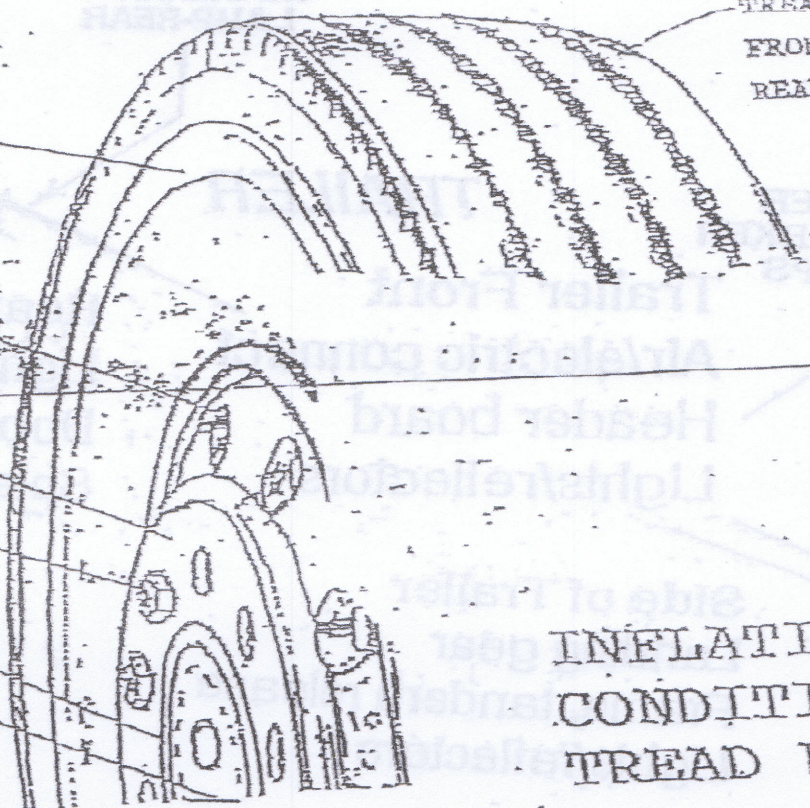
INFLATION

RIM

LUG NUTS

SEAL

HUB OIL



INFLATION
CONDITION
TREAD DEPTH

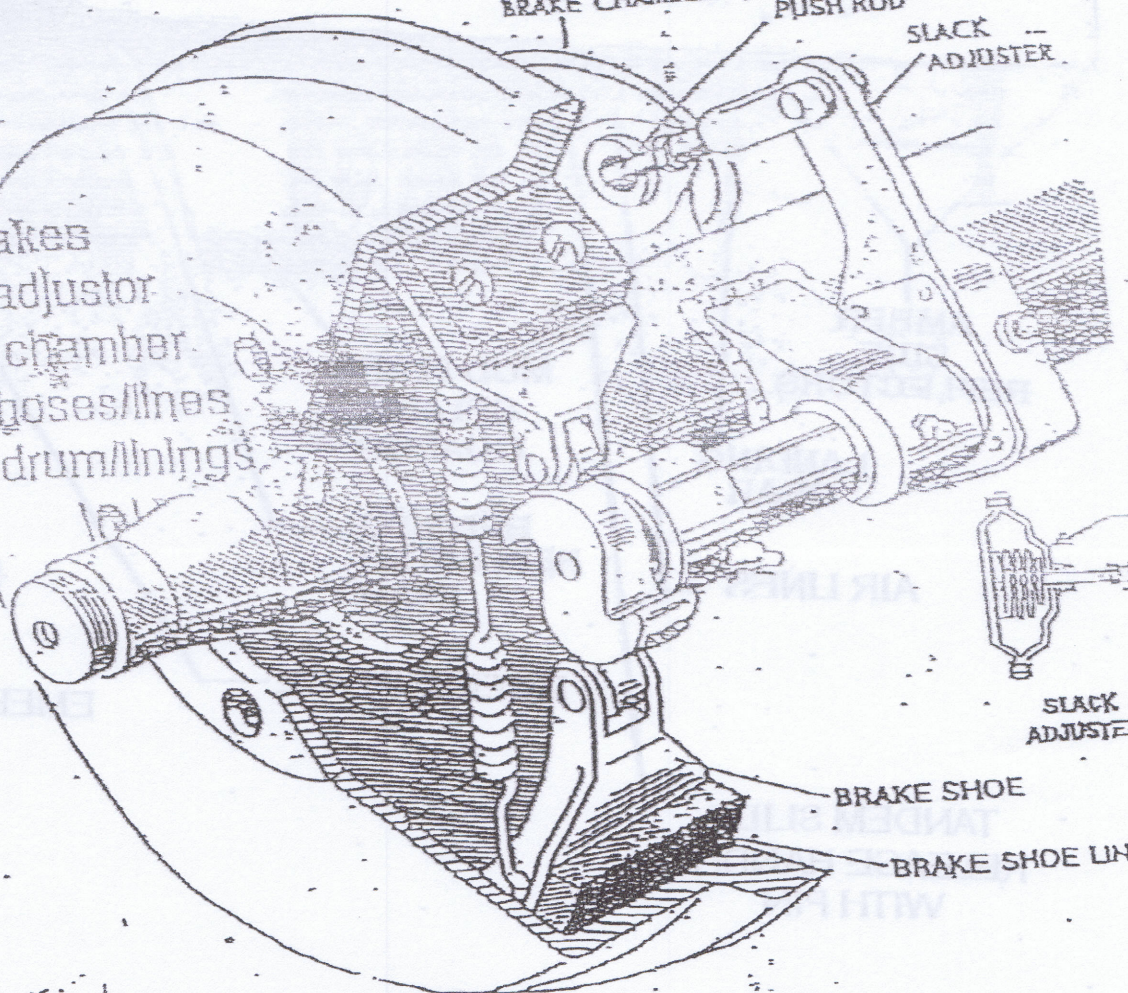
BRAKE DRUM

BRAKE CHAMBER

PUSH ROD

SLACK ADJUSTER

Brakes
*Slack adjuster
*Brake chamber
Brake hoses/lines
Brake drum/linings



BRAKE SHOE

BRAKE SHOE LINI

SLACK ADJUSTER

RED
SIDE MARKER
LAMP-REAR

RED
IDENTIFICATION
LAMPS

TRAILER

AMBER
SIDE MARKER
LAMPS

Trailer Front
Air/electric connect
Header board
Lights/reflectors

Rear of Trailer
Lights/reflectors
Doors
Splash guards

Side of Trailer
Landing gear
Frame, tandem release
Lights/reflectors

AMBER
SIDE
REFLECTORS

LANDING
GEAR

AIR LINES

MUD FLAPS
SPLASH
GUARDS

RED SIDE
REFLECTOR
REAR

LICENSE PLATE
LAMP

DOT BAR

RED TAIL & STOP
LAMPS

EMERGENCY & TURN
SIGNALS

RED
REFLECTOR

TANDEM SLIDE
RELEASE HANDLE
WITH PIN

Front of Vehicle

Steering box/hoses
Steering linkage

Frame

Steering Gear
Box

Steering Shaft

U-Joint

Power steering
pump - GEAR

Pitman Arm

DRAG LINK

BALL JOINT

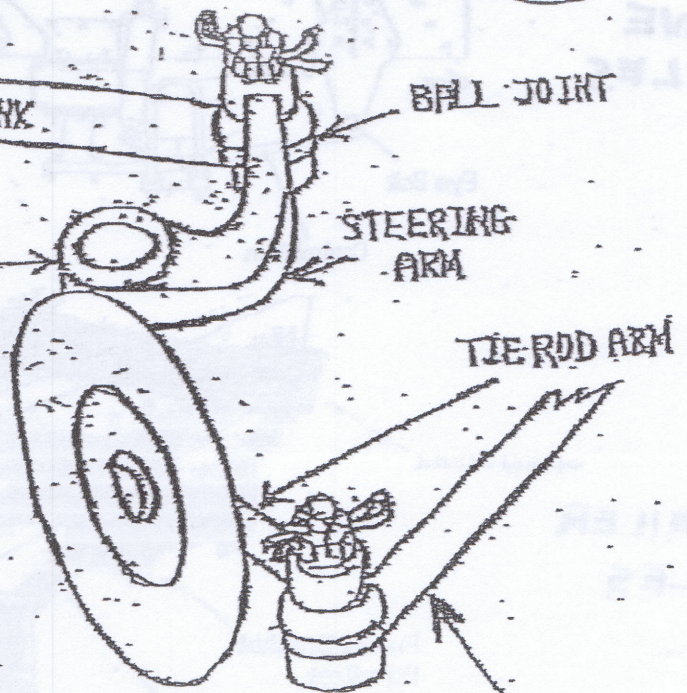
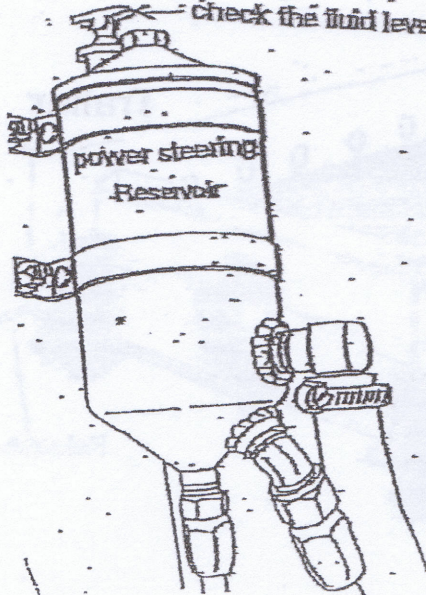
check the fluid level

STEERING
KNUCKLE

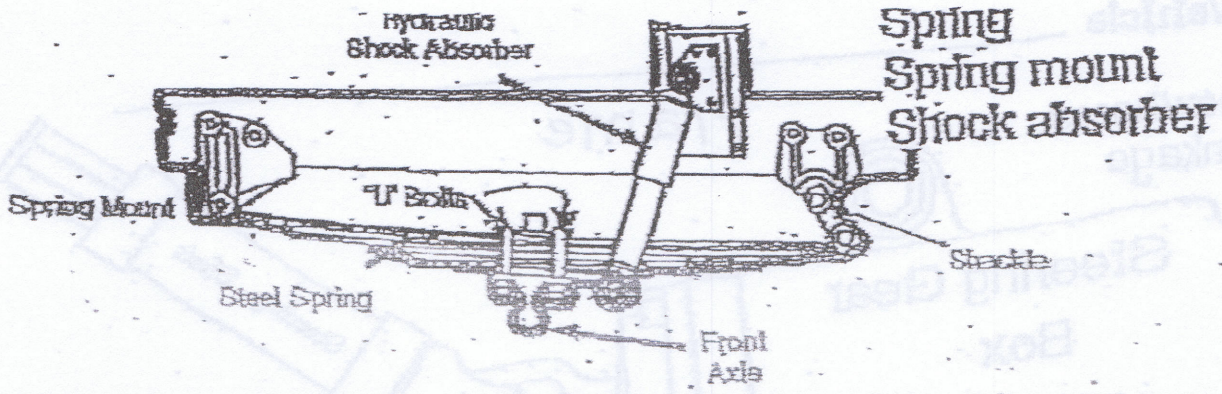
STEERING
ARM

TIE-ROD ARM

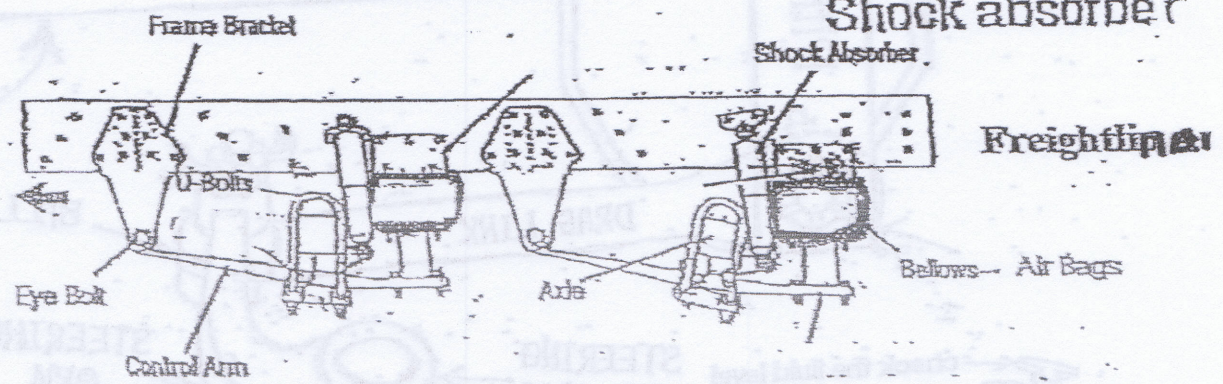
TIE ROD



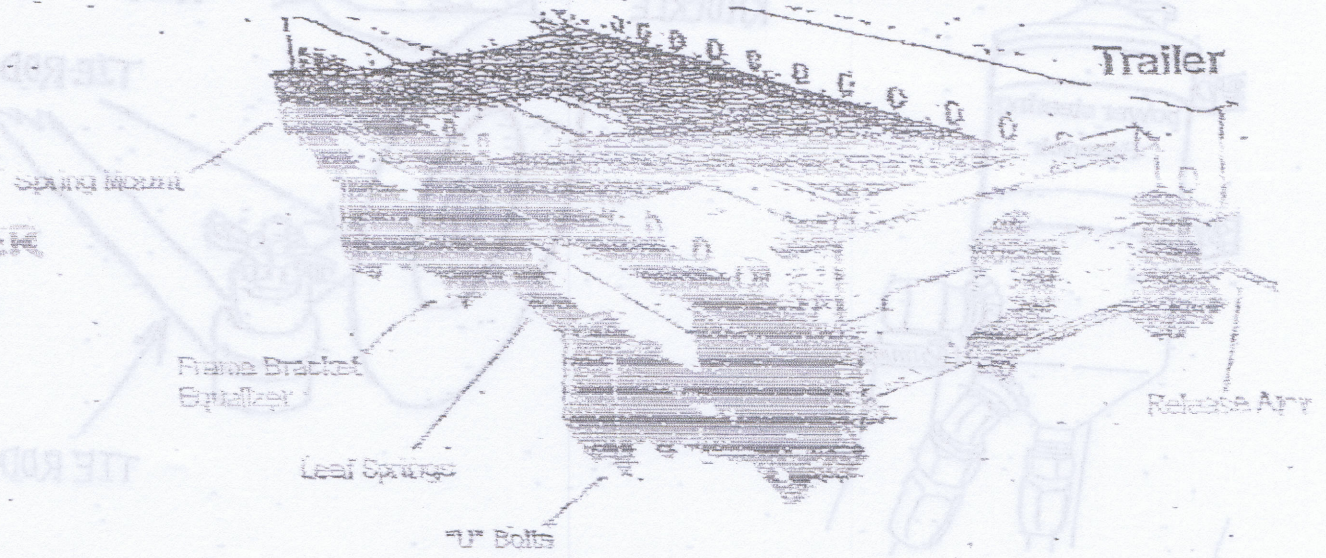
STEERING AXLE



DRIVE AXLES



TRAILER AXLES



Alternator

Engine Compartment

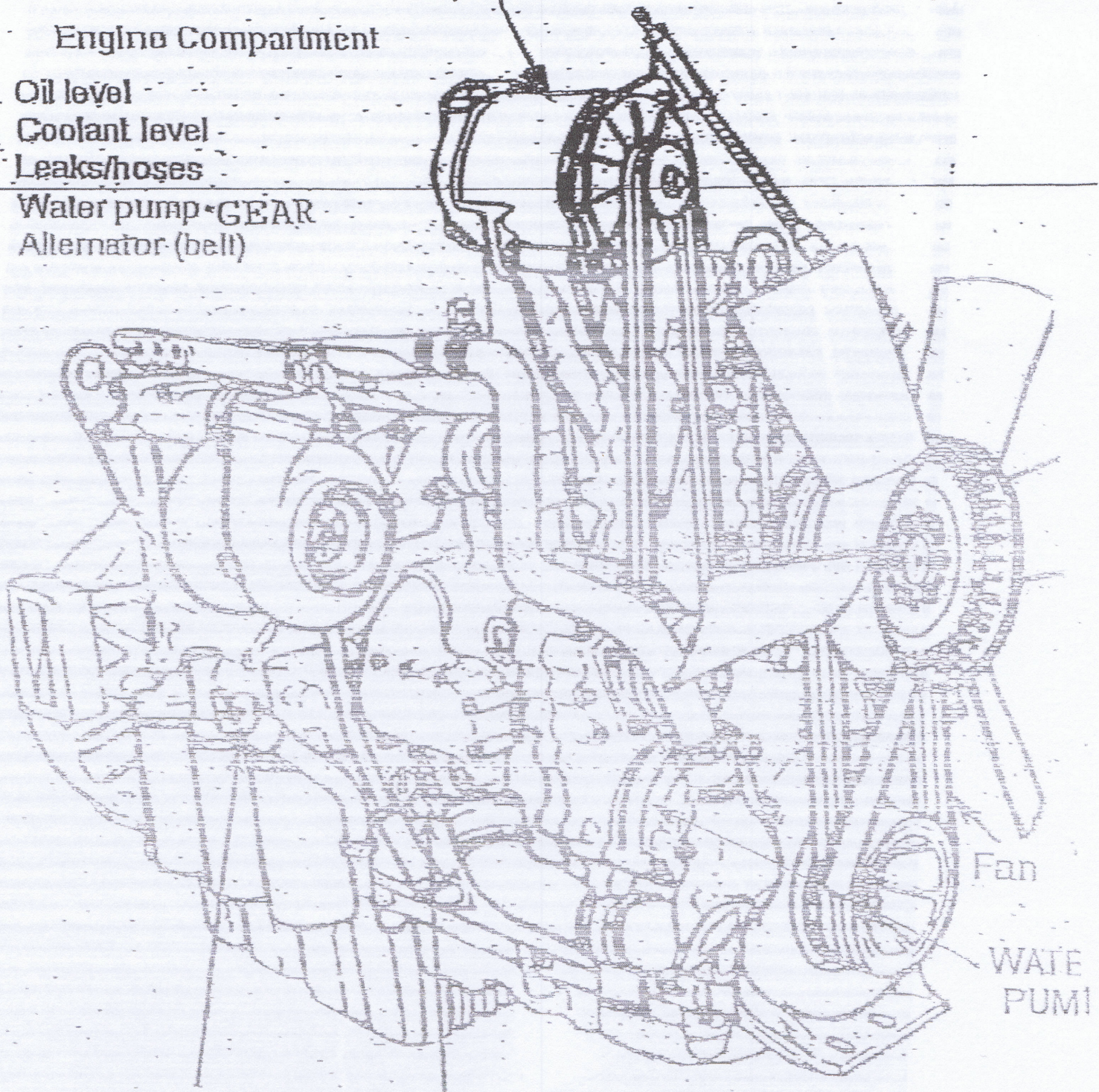
Oil level

Coolant level

Leaks/hoses

Water pump • GEAR

Alternator (belt)



Oil Filler

Dipstick

Fan

WATER PUMP

Belts are not broken, cracked, worn, and have no more than $\frac{3}{4}$ of an inch play in either direction.

PRE-TRIP PRACTICE

ENGINE COMPARTMENT

- HOSES/ LEAKS
- OIL LEVEL
- COOLANT LEVEL
- WATER PUMP (GEAR DRIVEN)
- POWER STEERING FLUID LEVEL
- AIR COMPRESSOR (GEAR DRIVEN)
- ALTERNATOR
- ALTERNATOR BELT 3/4"

STEERING

- STEERING BOX & HOSES
- PITMAN ARM
- DRAG LINK
- TIE RODS
- JOINTS/BOLTS
- CASTLE NUT/COTTER PINS

FRONT SUSPENSION

- FRAME
- SPRING MOUNTS
- U-BOLTS
- LEAF SPRINGS
- SHOCK ABSORBERS

FRONT BRAKE SYSTEM

- BRAKE HOSE
- BRAKE CHAMBER
- SLACK ADJUSTOR 1"
- BRAKE SHOES/LINNINGS
- BRAKE DRUM

FRONT TIRES AND WHEELS

- TIRE INFLATION
- TIRE CONDITION
- TREAD DEPTH 4/32"
- WHEELS NOT CRACKED OR DENTED
- LUG NUTS
- TIGHT /NOT MISSING
- NO RUST TRAILS
- HUB OIL SEAL/LEAKS

INDICATOR LIGHTS

- LEFT, RIGHT, 4 WAY, HIGH BEAMS

OUTSIDE LIGHTS FRONT, SIDE, BACK OF TRUCK SIDE & BACK OF TRAILER

AMBER ON FRONT AND SIDES - RED TO THE REAR

CAB

- TRUCK DOOR
- MIRRORS

DRIVER AREA

- FUEL TANK SECURED
- FUEL CAP
- TANK NOT LEAKING
- DRIVE LINE/SHAFT
- BATTERY/BOX
- EXHAUST
- CATWALK
- AIR & ELECTRIC LINES

TRUCK SUSPENSION

- FRAME
- SPRING MOUNTS
- U-BOLTS
- LEAF SPRINGS
- SHOCK ABSORBERS
- AIR BAGS/BELLOWS
- TORQUE ARM

TRUCK BRAKE SYSTEM

- BRAKE HOSE
- BRAKE CHAMBER
- SLACK ADJUSTOR 2"
- BRAKE SHOES/LINNINGS
- BRAKE DRUM

TIRES AND WHEELS

- TIRE INFLATION
- TIRE CONDITION
- TREAD DEPTH 2/32"
- WHEELS NOT CRACKED OR DENTED
- SPACERS/SPACE LUG NUTS
- TIGHT /NOT MISSING
- NO RUST TRAILS
- HUB OIL SEAL/LEAKS
- MUD FLAP

COUPLING

- MOUNTING BOLTS
- PLATFORM
- FIFTH WHEEL PLATE
- LOCKING JAW
- RELEASE ARM
- KINGPIN/APRON/GAP
- SLIDER PINS
- SLIDER AIR LINE

FRONT OF TRAIL

- HEADER BOARD
- AIR & ELECTRIC CONNECTORS

SIDE OF TRAIL

- LANDING GEAR

TRAILER SUSPENSION

- FRAME
- TANDEM RELEASE
- SPRING MOUNTS
- LEAF SPRINGS
- U-BOLTS
- TORQUE ARM

TRAILER BRAKES

- BRAKE HOSE
- BRAKE CHAMBER
- SLACK ADJUSTOR 2"
- BRAKE SHOES/LINNINGS
- BRAKE DRUM

TRAILER TIRES & WHEELS

- TIRE INFLATION
- TIRE CONDITION
- TREAD DEPTH 2/32"
- WHEELS NOT CRACKED OR DENTED
- SPACERS/SPACE LUG NUTS
- TIGHT /NOT MISSING
- NO RUST TRAILS
- HUB OIL SEAL/LEAKS

REAR OF TRAILER

- MUD FLAP
- DOORS, LATCHES, TIES

IN CAB

- SAFE START
- WINDSHIELD/MIRRORS
- HEATER/DEFROSTER
- WIPERS/WASHERS
- COOLANT TEMP
- OIL PRESSURE
- VOLTMETER
- AIR GAUGES (PRIM-SEC)
- STEERING PLAY
- HORNS
- PARK BRAKE TEST
- "C.O.L.A."
- SEAT BELT
- FIRE EXTINGUISHER
- TRIANGLES
- FUSES

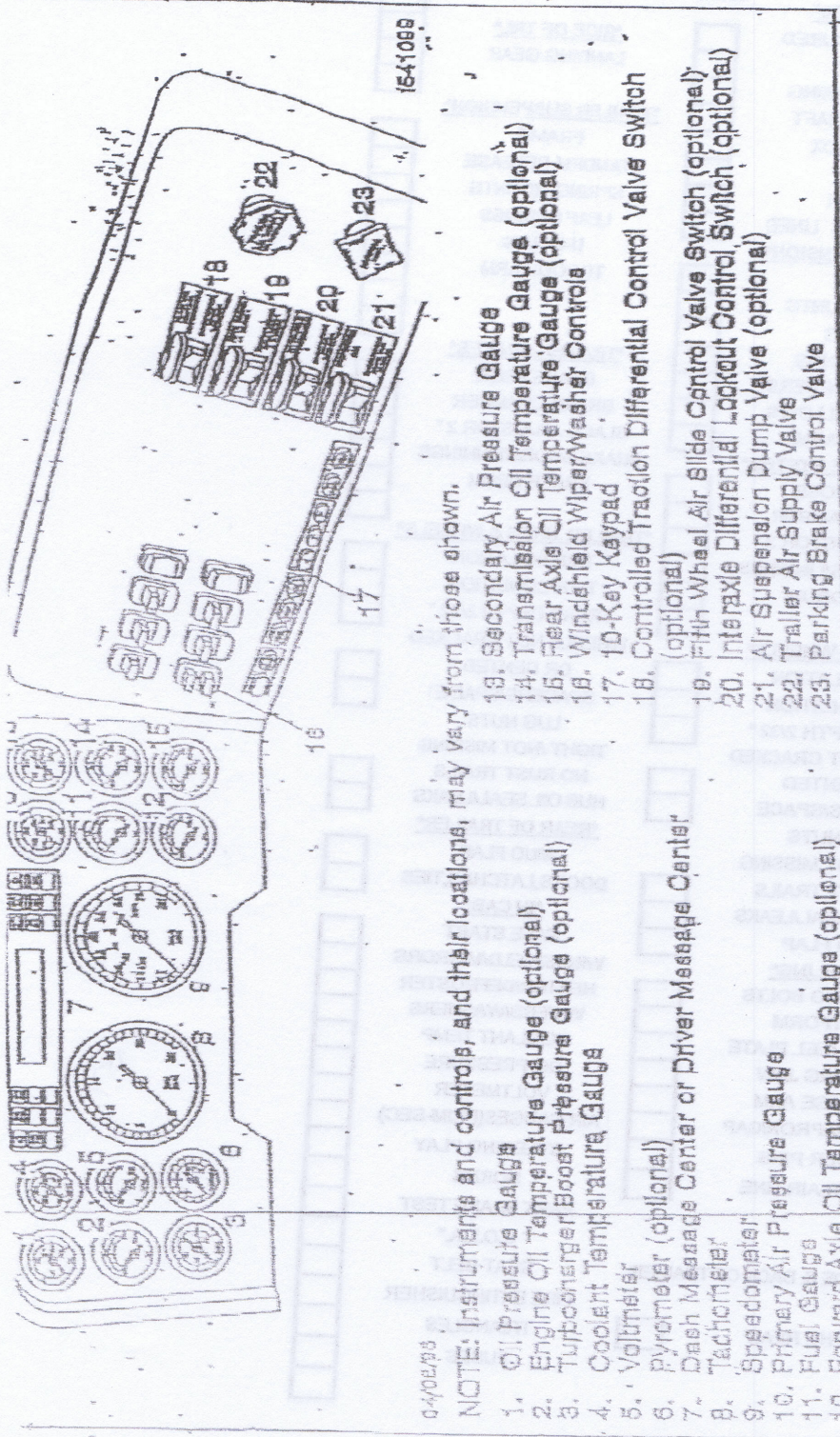
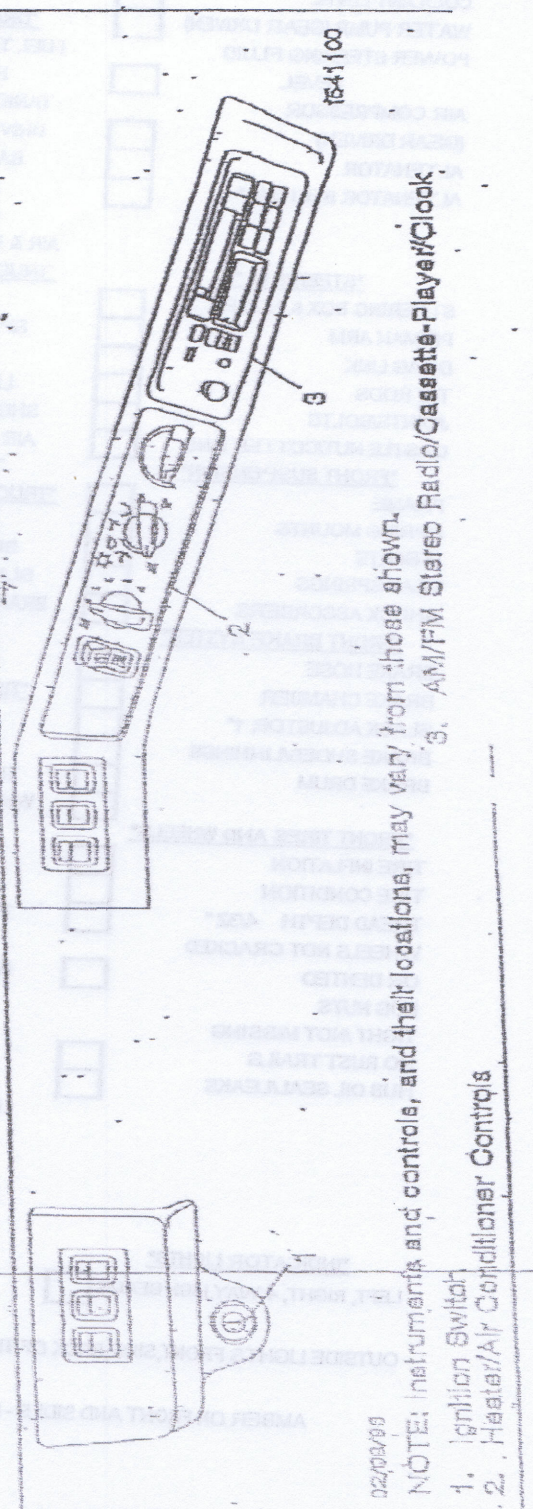


Fig. 2.1, Instrument and Control Panel Layout (upper LH-DR dash shown)

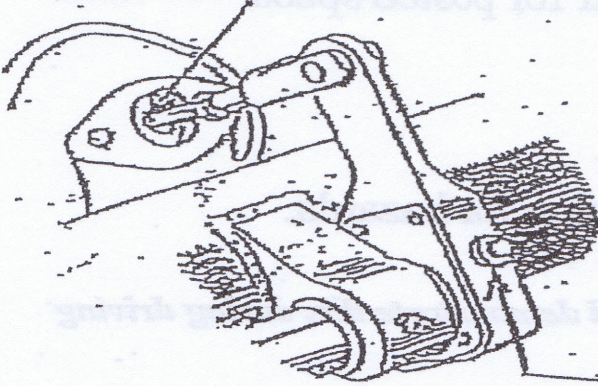


BRAKE CHECK (MEASUREMENT)

Park on level ground. Chock wheels, put in 1st gear. Shut engine and release clutch. Release all brakes (push both valves in). Mark all push rods (with chalk, etc.) at point where they go in brake canister. Apply brakes (pull both valves). Measure from chalk mark to brake canister. Less than two inches.

WITH BRAKES RELEASED

MARK THE PUSH ROD



WITH BRAKES APPLIED
MEASURE THE TRAVEL

