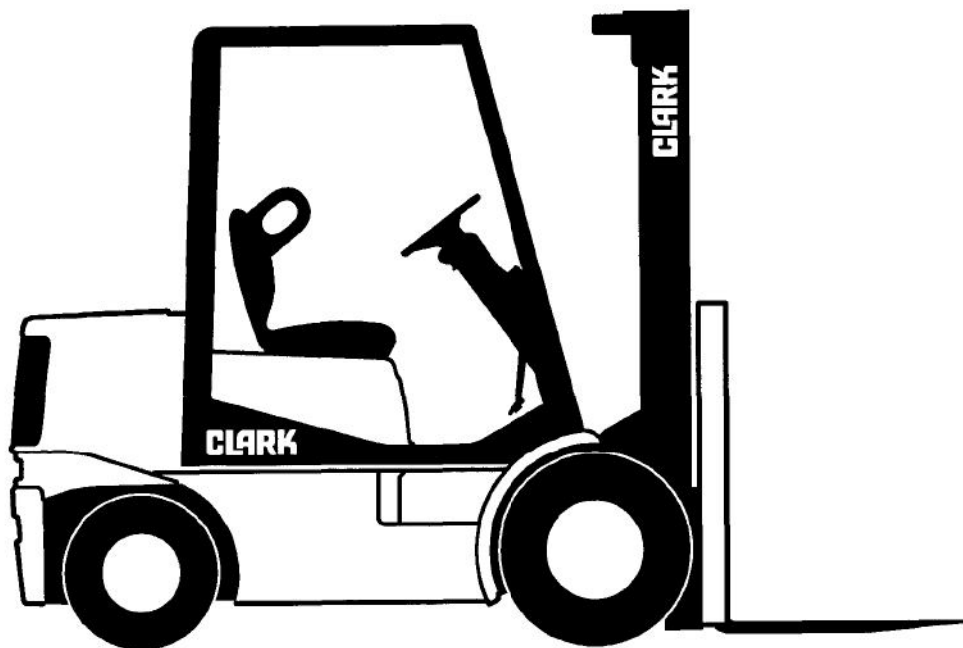


PMA-544
915
(Perkins Gas)



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GAS: Look for a smoky exhaust which will indicate internal engine problems.

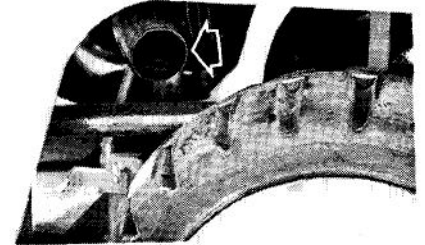


Fig. A0563

Now check the control levers for security and freedom of movement.

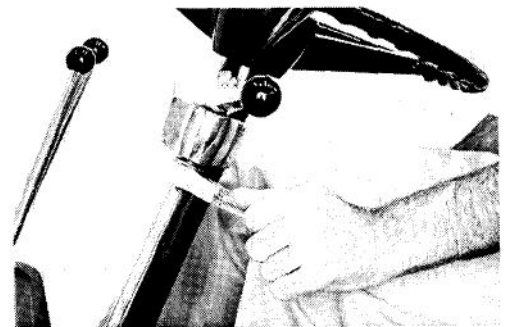


Fig. A0579

With the upright raised, tilt the upright forward and back to check for upright racking and loose roller adjustment.

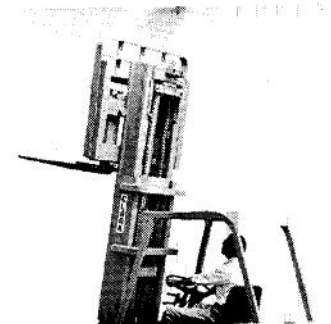


Fig. A0616

Check the steering by turning the steering wheel to see if the steer tires turn as soon as you turn the steering wheel. Check for loose steering.

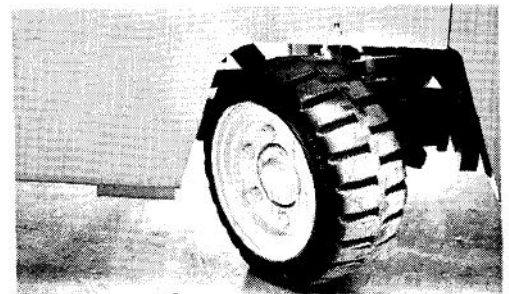


Fig. A0613

INDUSTRIAL TRUCK DIVISION
CUSTOMER SERVICES GROUP

Check the security and condition of the overhead guard.

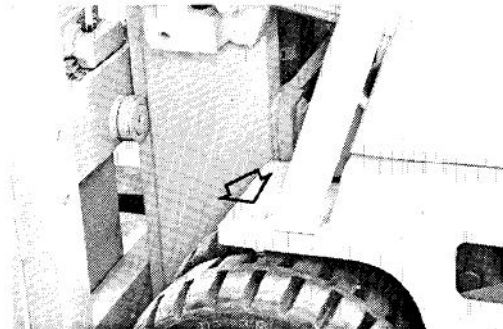


Fig. A0643

Check the security and condition of the load back rest.



Fig. A0098

Check the forks for damage and security of mounting.

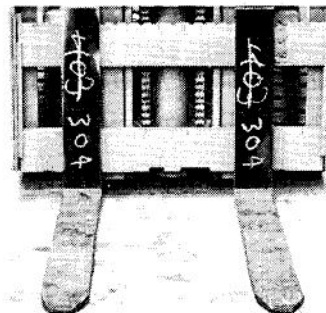


Fig. A0638

Check for excessive leakage at the lift cylinder.
Check for nicks and scoring.

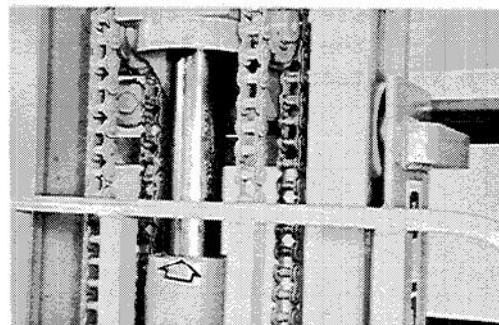


Fig. A0022

Also, drive in a full right and left turn. Measure both tire impressions shown to see if they are equal. See GROUP 26, Section 2 for steering adjustments.

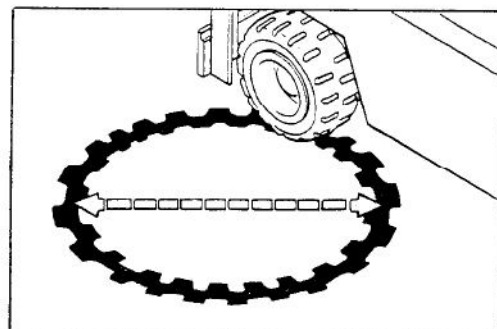


Fig. 9854

Now make a visual check of the truck. Look for leaks, inspect sheet metal, check for obvious damage to any part of the truck.

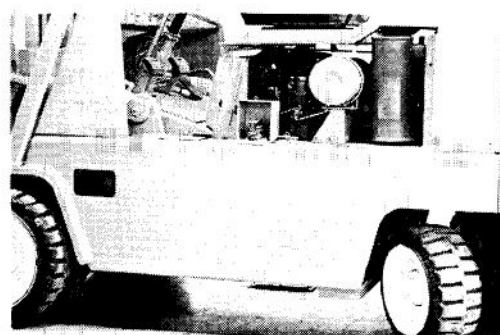


Fig. A0612

Check for damaged chains. Check chain adjustment by making sure the chains are under equal tension.

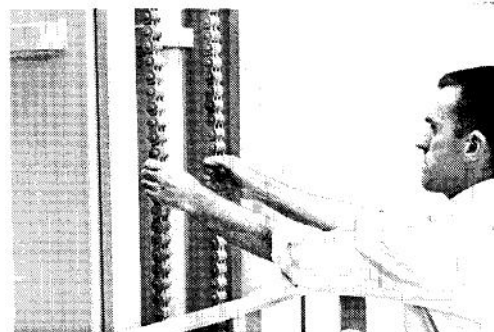


Fig. A0632

Check the wear patterns in the rails. A wear pattern like this indicates that adjustment is about right.

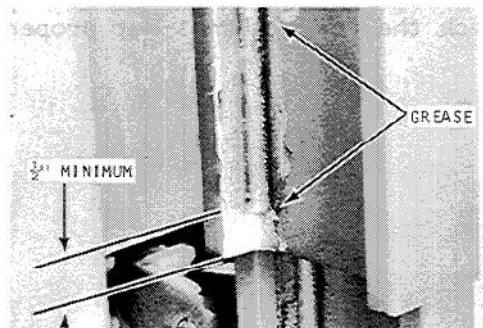


Fig. 8622

But a wear pattern like this means the chains are too long. (See GROUP 34, Section 3 for adjustment procedures.)

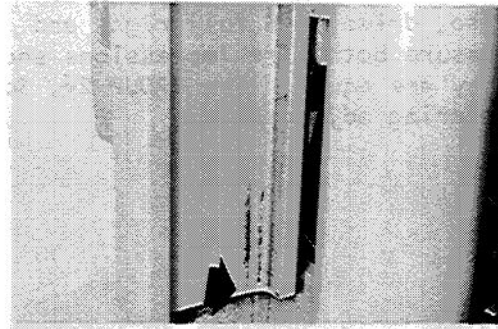


Fig. A0029

Check to see that the cylinder hold-down bolts are not missing and are tightened securely at the base of the lift cylinder.

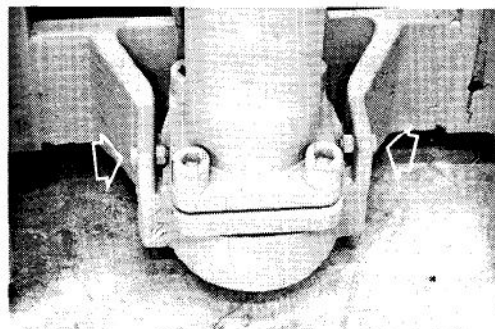


Fig. A0617

The carriage chain retainers and cotter pins must be in place and not damaged.

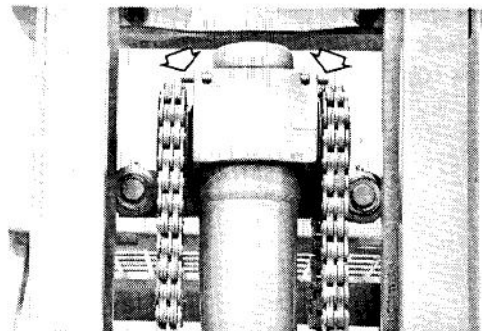


Fig. A0633

Check the fork latches for proper operation.

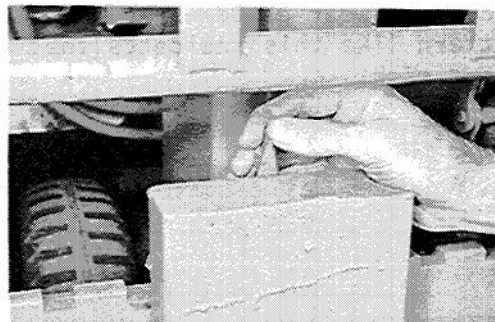


Fig. A0055

Standard Uprights (Deck numbers beginning with F.)

With the innerslide fully lowered, both stop blocks must contact the tie bar. Check stop blocks and replace if damaged.

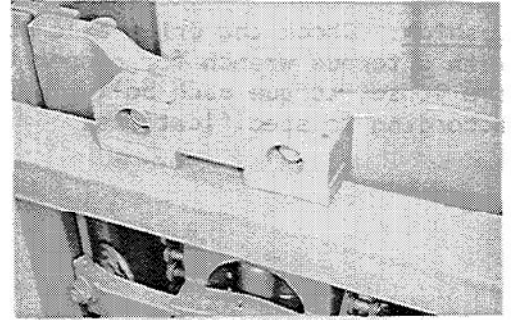


Fig. A0060

Check the upright roller clearances. (use an approved safety platform, raised by another lift truck, to perform these checks in the fully raised position.) Refer to GROUP 34, Section 2 for adjustment procedures.

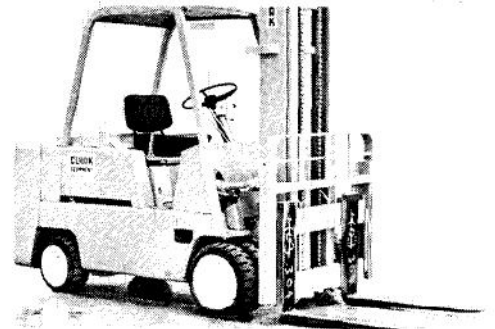


Fig. A0610

Now make a down drift test. Drift should not exceed one inch per minute. If it does, cylinder or control valve repair is indicated. (See GROUP 34, Section 4 for instructions.)

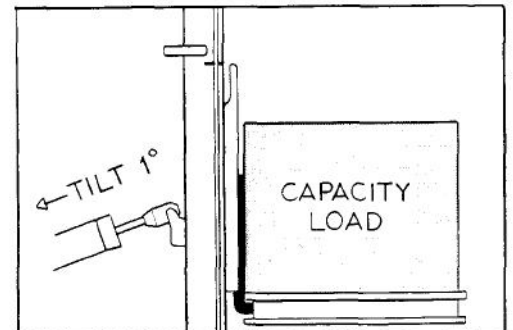


Fig. 14887

Perform a tilt drift test. Drift should not exceed 1/2 to 3/4 of an inch in a five minute period. (See GROUP 34, Section 4 for instructions.)

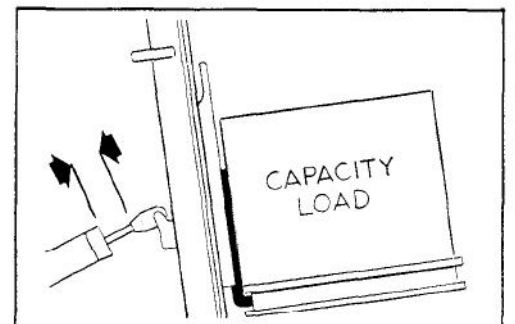


Fig. 14886

Cushion: Check the drive axle mounting bolts with a torque wrench for proper torque. If any are loose, torque each bolt, then retorque, according to specifications.

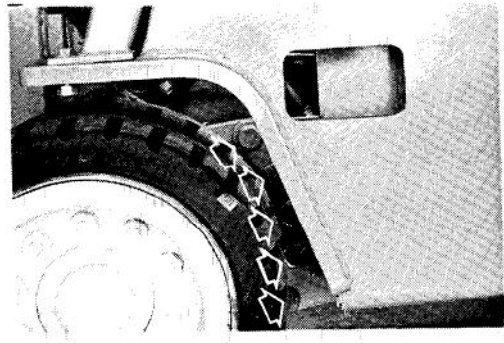


Fig. A0614

Check and tighten securely, the steering column clamp and U-bolt.

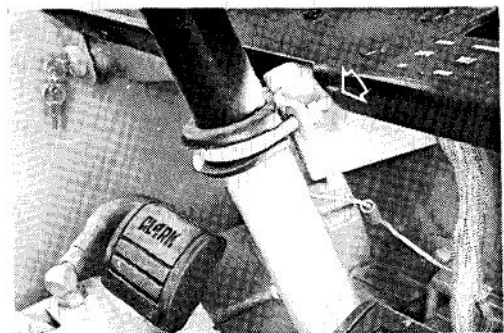


Fig. A0554

GAS: Check the filter screen to be sure it is in place and not damaged. Check O-ring seal to be sure it is not damaged (must be located between cap screen and the filler neck).

W A R N I N G

THE FUEL TANK IS AN INTEGRAL PART
OF THE FRAME. DO NOT WELD IN THAT
VICINITY.

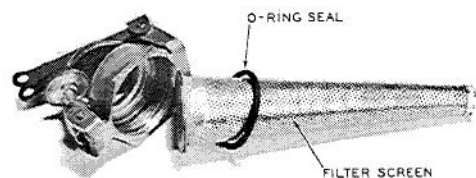


Fig. 6627

Check tires for excessive wear and cuts. Pry out of tire treads any objects which could damage the tires. Also check wheel lug nuts for tightness and make sure none are missing.

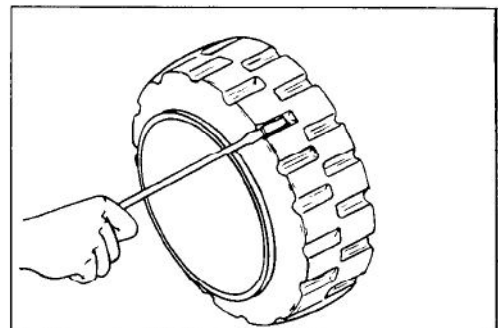


Fig. 12917

Torque the counterweight bolt to specifications.

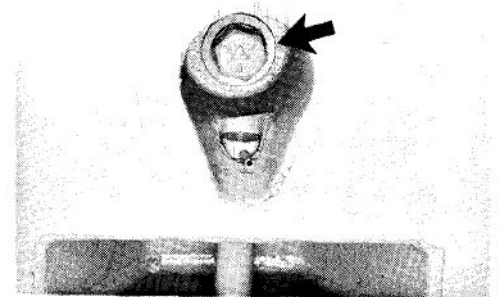


Fig. A0631

Check the tail pipe to make sure exhaust is not blowing into the radiator.

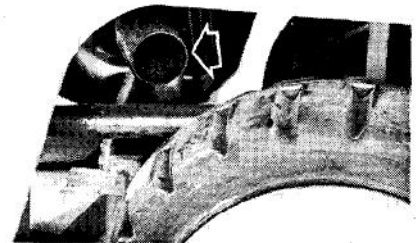


Fig. A0563

Now ... remove the side hoods ...



Fig. A0649

... remove the floorboard and ...

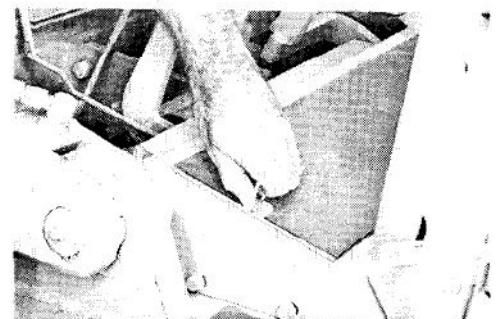


Fig. A0640

... expose the engine compartment by lifting the seat and swinging the battery out.

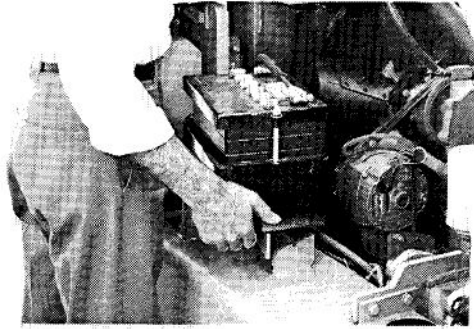


Fig. A0570

Then ... using a two-foot extension on the air hose, blow through the radiator from the counterweight side and ...

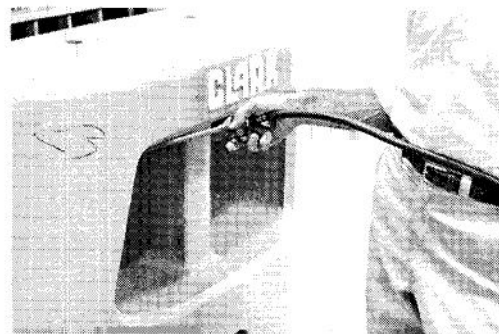


Fig. A0634

... blow through the radiator from the engine side. Blow off the engine ...

W A R N I N G

DO NOT USE AIR PRESSURE GREATER
THAN 30 PSI.

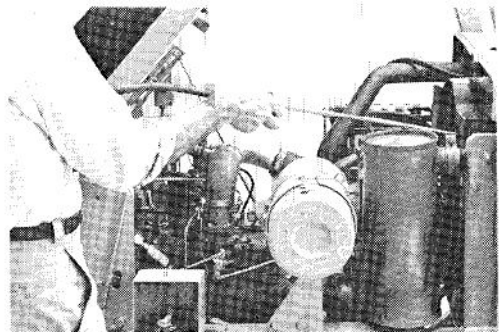


Fig. A0551

... the transmission and axle adapter and ...

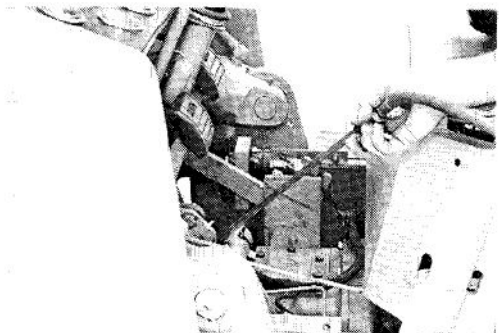


Fig. A0637

... the upright, including chains and rollers.

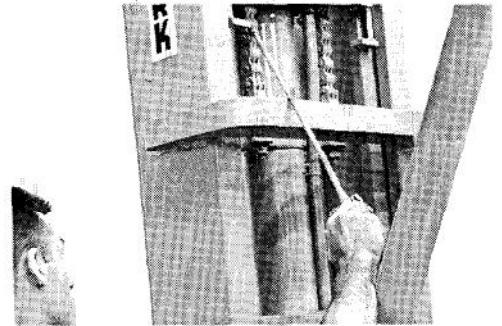


Fig. A0630

If the upright has a compound cylinder, air clean the tops of the outer cylinders.

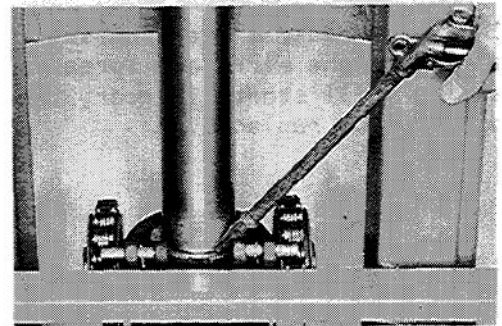


Fig. 13729

Now check the brake pedal for free play and the pedal pad for excessive wear. (See GROUP 23, Section 2 for instructions.)

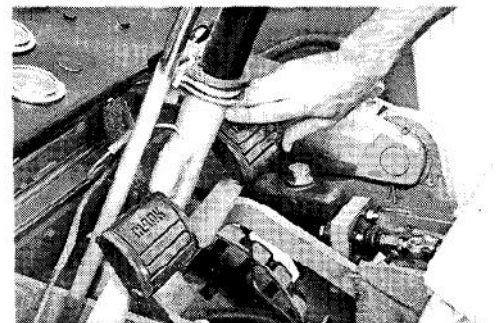


Fig. A0557

Check the by-pass port operation by pushing sharply on the brake pedal. Fluid in the cylinder should bubble, indicating an open by-pass port, which prevents pressure build up in the hydraulic system. Clean off cap before removing.



Fig. 13794