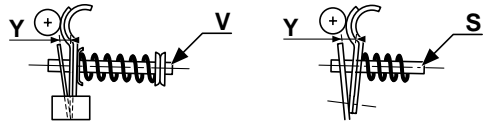


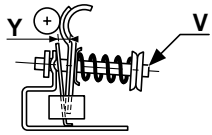
Remove any significant metal deposits by lightly scraping the wall and then blow out the chute.

After inspection, put the arc chute back in place by performing the above operations in reverse order. Then make sure it sits correctly on the fixed chute tip and that the bosses are completely fitted into their seats.

Make sure that the moving contact moves freely without rubbing against the arc chute inner walls.



NO contact



NC contact

NC or NO contacts

- check distance Y for the NC and NO contacts.
- when this distance measures less than 1 mm, due to wear of the fingers, the contacts should be changed.

The contacts require practically no maintenance. If slight beading occurs, remove with a smooth file.

Never use abrasive cloth or paper.

Replacing the blow-out coil

- remove the arc chute
- disconnect the coil
- remove screw M holding the core (if necessary, loosen screw N to release core downwards)
- put the core equipped with the coil back in place and secure with screw M
- connect the conductor that penetrates the LEFT flange of the coil at the contact finger using the finger mounting screw
- connect the conductor on the right side to the input terminal
- tighten screw N and put the arc chute back in place.

Replacing the contacts

- remove the arc chute

For fixed contacts :

- * remove screw P holding the contact. When reassembling, do not forget to reconnect the blow-out coil between the fixed contact and the head of screw P.

For moving contacts :

- * remove pin V or twist key S one quarter turn, as appropriate (this releases the spring and contact)
- * disconnect the shunt
- * reassemble in reverse order using new parts.



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LENOIR - ELEC

TYPE M AUXILIARY AND BLOW-OUT

CONTACTS

MAINTENANCE
INSTRUCTIONS

M24714A/01

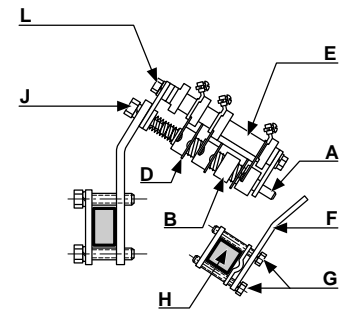
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MAINTENANCE

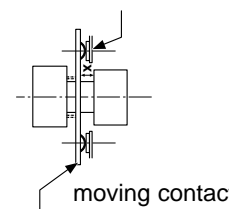
Check to ensure that the nuts and screws for securing the contactors and tightening the connections remain properly locked and restrained.

Cleaning the insulating materials

To avoid scratching the varnish, blow out or remove with a soft brush any dust deposits between live parts. This operation is very important when dust contains conducting materials and should be performed frequently.



fixed contact



moving contact

Check to ensure that interacting parts slide freely : drive shaft A in its bearings, moving contacts D in the insulating spacers B, captive moving contacts D in the insulating feet groove E. On all of these contacts wear of drive shaft A and lever F can be compensated by adjusting the screws G holding the lever on contactor shaft H.

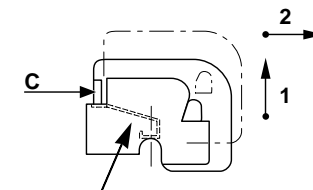
Shaft A has a mandatory travel distance of 8 mm and should be set accordingly. NEVER EXCEED THIS VALUE.

After completion of the above setting, the contacts should be replaced when distance X is less than 0.5 mm or the contact tips are worn.

Replacing the contacts :

- disconnect the terminals
- completely dismantle the assembly by removing both screws J
- carefully note the location of the various parts before removing nuts L
- reassemble in reverse order
- tighten the Nylstop nuts with a torque of 0.25 m/kg.

CONTACT WITH ARC CHUTE



moving blowout horn

- remove the arc chute
- push the arc chute upwards and swing around C (arrow 1) to release the arc chute rear bosses from their seat
- then pull the arc chute out (arrow 2)

Make sure that no metal has been deposited on the arc chute inner walls due to arcing.