

Every compressor manufactured at Embraco is sealed with rubber plugs in order to avoid the entrance of moisture and air that could oxidize, decay or damage some components.

Because of that, the rubber plugs must be removed only at the moment when the compressor is mounted on the system.

The sealing with rubber plugs allows dry nitrogen (N_2) to be introduced in the compressors, creating a positive internal pressure which prevents moisture and air from entering.

The plugs are made of a special kind of rubber that does not react with N_2 , the connectors material and the compressor lubricant.

CARE IN THE RUBBER PLUG EXTRACTION

During the rubber plug extraction, the following procedure must be observed:

a) Place the extraction tool **only on the rubber plug** to not squeeze the conector.

Since these connectors are made of copper or copper coated steel, the pressure of the extraction tool may deform the connectors making the instalation in the system difficult.

For this operation, use tools with rounded edges, according the picture.

b) During the removal process, the pulling force must be applied in the same direction of the connectors axis to avoid the plug from breaking (see illustration).

