

ABSTRACT

METHOD AND APPARATUS FOR COUPLING A CYLINDER HEAD -
SUCTION MUFFLER ASSEMBLY IN A COMPRESSOR

The present invention describes an improved cylinder head - suction muffler assembly which minimizes the fabrication and installation process of the same. The improved cylinder head - suction muffler assembly comprises a suction muffler, a capillary tube and a cylinder head. The cylinder head has only one conical bore for receiving a similarly shaped muffler tube of the suction muffler. A capillary tube clip is integrated with the muffler tube for receiving and securing the capillary tube to the cylinder head - suction muffler assembly. The procedure of installing the new cylinder head - suction muffler is simplified to two steps: (1) inserting the suction muffler into the cylinder head and (2) inserting the capillary tube into the suction muffler by securing it to the capillary tube clip. As such, material cost and processing steps are minimized.

Figure 5.



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