

Title (en)

Support for a component and thermostat assembly

Title (de)

Bauteilträger und Thermostatzusammenbau

Title (fr)

Support pour un composant et assemblage pour un thermostat

Publication

EP 1217490 B1 20060719 (DE)

Application

EP 01130017 A 20011218

Priority

US 74645800 A 20001221

Abstract (en)

[origin: US6347745B1] A thermostat assembly with a valve mounted to a carrier for installation in an engine thermostat housing. The carrier includes a body portion to which the valve is mounted. A pair of posts extend upward from the body portion and have snap tabs that seat in an annular groove in the thermostat housing. A handle extends from the side posts and includes legs that first project inward from the side posts and then upward to upper distal ends where a cross member connects the legs. The carrier is made of plastic such that when the legs are squeezed together, the side posts deflect to withdraw the snap tabs from the groove to withdraw the snap tabs and enable the carrier to be removed from the housing. The housing also includes an inwardly tapered portion that engages the body portion of the carrier to form a seal therebetween. Fluid pressure when the valve is closed deflects the carrier outward into firm engagement with the conduit.

IPC 8 full level

F01P 7/16 (2006.01); **G05D 23/02** (2006.01)

CPC (source: EP US)

F01P 7/16 (2013.01 - EP US); **F01P 2070/00** (2013.01 - EP US); **Y10T 137/7737** (2015.04 - EP US)

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