

Baseplate



Purposes

- Automotive
- Pump/gauge module
- Fluid management
- Technical part



Technologies

- Inserts overmolding
- PressFit full auto
- Tightness and electrical control in line



Know-how

- Watertightness
- Supplier management
- Part S/R (Safety/Regulated)
- Dimensional

Issue

The customer concerned by the development of this part approached our teams for the numerous expertise of MIHB, in particular the PressFit overmolding as well as the fuel management. These know-how in the automotive sector allow us to be recognized as a manufacturer of high-value technical sets and parts.

The production of this baseplate, which is linked to the pump/gauge module, requires a process of pre-molding inserts and then overmolding the piece in a continuous flow. It then passes a leakage and electrical check in line.



Solution and benefits

Overmolding of inserts makes it possible to use a process that is all automated, fast and efficient.

This expertise ensures our customer a gain of solidity, and therefore of durability. The overmolding and the control of the parts also allow to improve the productivity because they are realized without human intervention.



Identity card

Launch year : 2014

Nb of parts a year : 400 000

Customer: pump/gauge module PSA Peugeot Citroën

Part dimensions :
Ø 154x82

Market : Automotive

Technology : Inserts overmolding PressFit

