



# PRESSURE PIPES

## WHAT IS A PRESSURE PIPE?

A pressure pipe is the metal tube which connects the exhaust system to the vehicle's differential pressure sensor.

This sensor measures differential pressure which, along with temperature measurements captured from the exhaust, is used as a means of controlling when the powertrain control module (PCM) should begin the regeneration process to clear the DPF of soot.

Differential pressure readings are taken before and after the vehicle's DPF. In most cases, the ports for the pressure pipes will be located on the DPF itself. However, this is not necessarily always the case. In some circumstances, pressure pipes are located on parts immediately up or downstream of the DPF.

Pressure pipes may be fixed (welded into and supplied with the unit), or detachable (screw-in and supplied separately). They are designed to be compatible with BM manufactured parts.

## WHAT HAPPENS IF THEY BREAK?

Damaged or blocked pressure pipes can cause the differential pressure sensor to report incorrect readings, which could therefore lead to problems if undetected and unresolved. A faulty pressure pipe could be mistaken for a faulty emissions control unit. This could cause wasted time and money if a new unit is purchased as a result, and then still found to show incorrect pressure readings.

## WHY DO THEY BREAK?

Pressure pipes are very thin metal tubes, usually around 8mm in diameter. Through being fitted to the underside of a vehicle, they are exposed to the elements, which means they are susceptible to damage.

Due to their slim form, any impairment to the material can lead to further damage when the pipe is manhandled during removal.

## RANGE

We recommend that new pressure pipes should be fitted with any replacement unit that includes a DPF. However, we also recognise that in some cases there is a need for the pressure pipes without requiring the unit itself. This is why we have developed our range of high-quality pressure pipes.

LIKE ALL OTHER BM CATALYSTS PRODUCTS, OUR PRESSURE PIPE RANGE CAN BE FOUND ON MAM AND TECDOC - BOTH SEARCHABLE VIA REGISTRATION SEARCH OR EITHER PRODUCT SEARCH.

Feel free to contact your Regional Sales Manager to find out more.

EXCEEDING EXPECTATIONS



## RANGE

We have DPFs that include a fixed pre-DPF pressure pipe, but require a detachable post-DPF pressure pipe – e.g. BM11028H



The pressure pipe now available for this part is the PP11028A



For our DPFs that do not have fixed pressure pipes, we have introduced a range of detachable pressure pipes – e.g. for a BM11016



The pressure pipes now available for this part are the PP11016A (pre-DPF)



and the PP11016B (post-DPF)



Also Included in our DPF range are parts that only have the fixed pressure pipes – e.g. BM11023. No separate pressure pipe is needed in this case.

## SELLING A PRESSURE PIPE

When selling a product that contains a DPF, it is recommended to also offer pressure pipes as supplementary products in case of damage to the existing ones.

Our pressure pipes are products in their own right, and can be sold on their own.

When selling pressure pipes, ensure they are linked to the DPF or SCR/DPF as associated/linked products. BM Catalysts pressure pipes are identified with the "PP" prefix, followed by the 5-digit reference number of the DPF or SCR that it fits (e.g. 11005 for a BM11005H), and ending in a suffix of either "A" or "B" – PP11005A.

THE ENTIRE PRESSURE PIPE RANGE AT BM CATALYSTS IS MADE FROM HIGH-QUALITY 304 GRADE STAINLESS STEEL TO ENSURE OPTIMUM DURABILITY.



# EXCEEDING EXPECTATIONS IN EVERYTHING WE DO

As Europe's leading manufacturer of aftermarket hot end emissions products, you would expect us to deliver a wide range of quality focussed parts that are easy to order. What you may not expect is a company that has an ethos of continual investment and improvement to deliver the best possible working partnerships.

When you work with us, you will find that our approach is focussed on exceeding the aftermarket's expectations on quality. However, we also believe in working in partnership, helping you to increase your profits, offer a wider range and reduce your stock holdings so that you can ensure your customers have the very best choice available.

By aligning our business to suit your needs, we can offer bespoke solutions that are specific to your customers. We know that details matter so we invest in quality with our own best-in-class manufacturing processes.

We lead the way in providing practical and fitting support as well as cataloguing assistance, so can help you every step of the way.

BM Catalysts bring precision engineering and partner-first service to your business. Everything we do is dedicated to exceeding your expectations.