

CASE HISTORY JAGUAR 3.6

WE WERE ASKED TO INVESTIGATE A HESITATION ON A JAGUAR 3.6. THE SYPTOMS WERE A SEVERE HESITATION ON LIGHT THROTLE AND A ROUGH IDLE CONDITION. THE VEHICLE HAD APARENTLY BEEN CHECKED AND THE FAULT NOT FOUND.

BY APPLYING OUR BASIC LEVEL ONE DIAGNOSTIC CHECKS WE WERE ABLE TO ESTABLISH A LEAN MIXTURE CONDITION AT BOTH IDLE AND PART THROTTLE. THE CAUSE OF THE FAULT CAN BE SEEN BELOW THE VEHICLE HAD SUFFERED A BACKFIRE AND DAMAGED THE PLASTIC ELBOW CONNECTING THE AIR MASS METER TO THE INLET MAINFOLD CAUSING AN AIR LEAK.

PLASTIC ELBOW DISTORTED
CAUSING INLET AIR LEAK



UNDERSIDE OF PLASTIC
ELBOW SHOWING
DAMAGE