

# CASE HISTORY TOYOTA MR2 TURBO



WE WERE ASKED TO DIAGNOSE A PROBLEM WITH A TOYOTA MR2 TURBO. THE HISTORY WITH THE VEHICLE WAS THAT IT HAD DEVELOPED A MISFIRE UNDER LOAD AFTER BEING FILLED WITH DIESEL. INVESTIGATION UNDER LOAD ON OUR ROLLING ROAD USING OUR HIGH SPEED FLUKE LAB SCOPE REVEALED THE PROBLEM .THE HT LEADS WERE LEAKING THROUGH THE SIDE OF THE INSULATORS CAUSING A LOSS OF IGNITION ENERGY TO THE PLUGS. THE PROBLEM HAD NO RELATIONSHIP TO THE DIESEL FILL AND WAS PURELY COINCIDENCE.

SMALL HOLE IN  
INSULATOR WHERE THE  
SPARK HAS BEEN  
LEAKING THROUGH

