



Ford, all vehicle with Zetec engine

Engine jerks or misfires during acceleration under load.

If a customer complains of rough idling or misfiring during acceleration the reason could be a failing spark to the 3rd and / or 4th cylinder. The cause of this failure is current leaking between the spark plug insulator and spark plug connector.

The ignition system can be checked using an engine analyser to locate the fault. If an engine analyser is not available, the ignition parts can be checked by a visual inspection. For this remove the spark plugs and plug leads. Current leakage can be recognized by the presence of a black stripe along the spark plug insulator and white / grey residue inside the plug connector. To repair and cure the fault, exchange the faulty spark plug and the corresponding spark plug lead.

