

## FEEDBACK FROM DEALERSHIP

Oil pressure light on and going into limp mode

Vehicle presented with huge amount of smoke coming out of exhaust

Vehicle was previously diagnosed at a mechanic and result was carbon deposit in engine bay area restricting vaccum pump

Carried out diagnosis as per mazda to assess faults

Scanned for fault codes

Fault codes P0401 EGR flow restriction

P060E Engine oil pressure out of range

Flow chart carried out compression testing and tk testing

Both high and low readings within spec

Tested EGR valve and bypass valve both within spec

Check to see if EGR sensor blocked and clear sensor line

Major carbon build up found inside

Liase with Mazda tech and confirm vehicle has had recall carried out as required in 2020 where vaccum pump, PCM update, fuel injectors replaced as per bulliten

Unfortunatly fault lies in carbon build up in engine due to driving habits or maintance habits

No assistance can be gained for any goodwill warranty coverage for this repair due to the above factors being recall was carried out as required and fault is a normal wear and tear factor of a passanger diesel vehicle short distance driving

Repairs would be as followed

Drop oil pan, clean out oil and flush

Remove engine block and carry out carbon deposit clean

Replace EGR valves and intake valves

Replace head gasket (as this needs to be removed to gain access)

Refit all items and re assess

Carry out diesel particulate manual regeneration and long drive and scan for any further

