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Trouble Code Diagnostics

There have been an increased number of calls concerning diagnostic flow charts and pinpoint diagnostics in Digital Technician. The issue we are encountering involves Historic Trouble Codes. As stated in the manuals, diagnostic charts are designed for use with current trouble codes and as a result they frequently suggest part replacement. When diagnosing a historic code the charts can be helpful but should not lead to part replacement without verification the part is faulty. The reason for this is that the issue with the motorcycle is not currently happening and the tests in the flow chart will pass for this reason, leading you to replace a part that many times is not defective.

If you have a motorcycle with historic trouble codes it would be a good idea to write the codes down, clear the codes, test ride the motorcycle and see if the codes return. Historic codes typically are used to assist in the diagnosis of intermittent faults. Another point to remember is that Digital technician pinpoint diagnostics cannot decipher if the code is current or historic. Therefore the same rules apply.