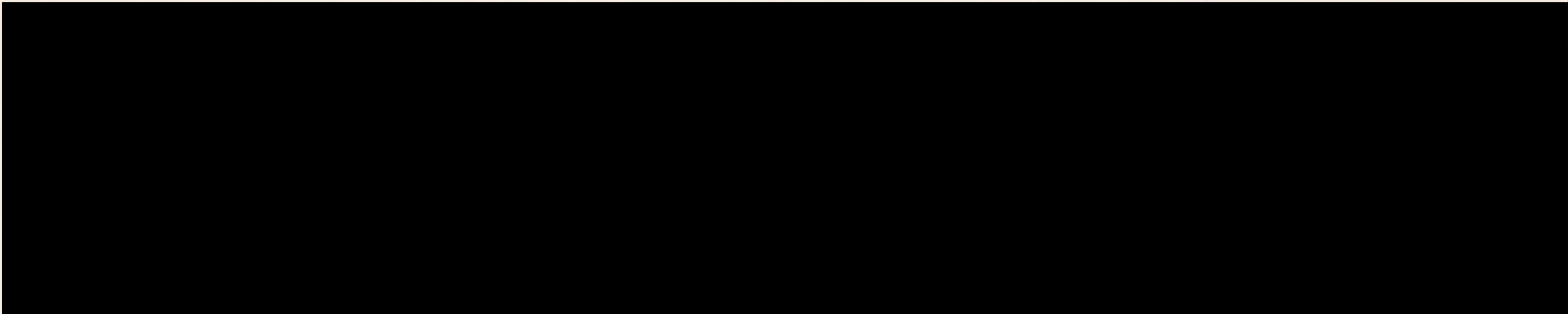


# Repair Order Detail - Internal Copy



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**A** CUSTOMER STATES THAT VEHICLE STILL HAS THE CHECK ENGINE LIGHT AND REDUCED ENGINE POWER.

5430902 W WIRE-TO-WIRE REPAIR 0.50 70.49

Tech(s): 3277

Pts: 0.00 Lbr: 70.49 Other: 0.00 Total Line A: 70.49

Story: 6528 Checked DTCs, found P2101 set in the ECM. Re-opened TAC case #9-6162996556, advised to follow PIT5742A to check for

possible chaffing of the ECM harness at the ECM mounting bracket. Removed ECM mounting bracket and inspected harness for damage, none found at this time. Removed the air cleaner box and inspected the engine harness for evidence of chaffing along the rest of the length of the harness between the ECM and throttle body, found the harness rubbed through on the left front intake manifold stand-off stud, Document ID 5218930 grid location E10. Re-assembled removed components and ran vehicle to verify concern, found the throttle body motor control circuits 582 and 581 shorting together intermittently (document ID 5257237), causing the rough running symptom and P2101 to set in the ECM. 5430902 Split open the engine harness in the effected area and repaired the damaged circuits. Reassembled the harness, and insulated the harness from the metal stud to prevent future issues in this area. Cleared DTCs and test drove vehicle, no further concerns noted at this time.

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**B** NO MULTI-POINT INSPECTION THIS VISIT

NOMPI CP NO MULTI-POINT INSPECTION THIS VISIT 0.00 0.00

Tech(s): 3277

Pts: 0.00 Lbr: 0.00 Other: 0.00 Total Line B: 0.00

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**C** No Recalls / Campaigns Due at This Time

CA1 CP No Recalls / Campaigns Due at This Time 0.00 0.00

Tech(s): 3277

Pts: 0.00 Lbr: 0.00 Other: 0.00 Total Line C: 0.00

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 Customer Pay 0.00  
 Labor 0.00  
 Parts 0.00  
 Lube 0.00  
 Sublet 0.00  
 Miscellaneous/Shop Charge 0.00