



TECH EXCHANGE

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SUBJECT: 2021 MTT9GTM (TRACER 9 GT) — Service Manual Corrections — FI Troubleshooting Process Changed for DTC P2135

i INTRODUCTION

The 2021 Tracer 9 GT Service Manual has been revised to correct several errors. The Service Manual in the Knowledge Center on the Yamaha Dealer System (YDS) has been updated to show the correct and complete information. If you previously saved copies of the Service Manual to your local computer, check the applicable pages identified in this Technical Exchange to be sure they have the updated information as shown on the following pages. If not, please download the file again and replace your file copies.

Model	Model Name	Service Manual Number	Location	Applicable Page(s)
MTT9GTM	Tracer 9 GT	LIT-11616-34-68	Self-Diagnostic Function and Diagnostic Code Table	9-46
			Self-Diagnostic Function and Diagnostic Code Table	9-48
			Self-Diagnostic Function and Diagnostic Code Table	9-128
			Self-Diagnostic Function and Diagnostic Code Table	9-235

Page 9-46, 9-48

P2135 has been removed from the group table and is now provided in a separate table.

Incorrect				
"P0122, P0123, P0222, P0223, P2135"	[P0122] Throttle position sensor: ground short circuit detected. [P0123] Throttle position sensor: open or power short circuit detected. [P0222] Throttle position sensor: open or ground short circuit detected. [P0223] Throttle position sensor: power short circuit detected. [P2135] Throttle position sensor: output voltage deviation error.	Able/Unable	Able/Unable	01, 13
Correct				
"P0122, P0123, P0222, P0223"	[P0122] Throttle position sensor: ground short circuit detected. [P0123] Throttle position sensor: open or power short circuit detected. [P0222] Throttle position sensor: open or ground short circuit detected. [P0223] Throttle position sensor: power short circuit detected.	Able/Unable	Able/Unable	01, 13
Correct				
"P2135"	Throttle position sensor: output voltage deviation error. Normal signal is not received from the throttle position sensor circuit.	Able (depending on the situation)	Able (depending on the situation)	01, 13

P2135 has been removed from the group troubleshooting guide and is now provided in a separate troubleshooting guide.

<p>Incorrect</p> <p><small>EAS20270</small> P0122, P0123, P0222, P0223, P2135</p> <p><small>EAS20270</small> TROUBLESHOOTING</p> <p>Item</p> <ul style="list-style-type: none">• [P0122] Throttle position sensor: ground short circuit detected.• [P0123] Throttle position sensor: open or power short circuit detected.• [P0222] Throttle position sensor: open or ground short circuit detected.• [P0223] Throttle position sensor: power short circuit detected.• [P2135] Throttle position sensor: output voltage deviation error. <p>Fail-safe system</p> <ul style="list-style-type: none">• Able/Unable to start engine• Able/Unable to drive vehicle
<p>Correct</p> <p><small>EAS20270</small> P0122, P0123, P0222, P0223</p> <p><small>EAS20270</small> TROUBLESHOOTING</p> <p>Item</p> <ul style="list-style-type: none">• [P0122] Throttle position sensor: ground short circuit detected.• [P0123] Throttle position sensor: open or power short circuit detected.• [P0222] Throttle position sensor: open or ground short circuit detected.• [P0223] Throttle position sensor: power short circuit detected. <p>Fail-safe system</p> <ul style="list-style-type: none">• Able/Unable to start engine• Able/Unable to drive vehicle
<p>Correct</p> <p><small>EAS20112</small> P2135</p> <p><small>EAS20112</small> TROUBLESHOOTING</p> <p>Item</p> <ul style="list-style-type: none">• Throttle position sensor: output voltage deviation error. <p>Fail-safe system</p> <ul style="list-style-type: none">• Able to start engine (depending on the situation)• Able to drive vehicle (depending on the situation)