



Document/File name TTT802_LinkG4Plus_Fury.docx	Document Type External	Revision 1
First Revision, Sign and Date Bln 2019-02-04	Updated Revision, Sign and Date	Document Status and Sign Approved Lan
Page 1 (5)		
Document and Product Description Interfacing Link G4 + Fury to TTT802 Gearshift Controller		

Adjust Settings in the Link G4 ... according to this information.





Document/File name TTT802_LinkG4Plus_Fury.docx	Document Type External	Revision 1
First Revision, Sign and Date Bln 2019-02-04	Updated Revision, Sign and Date	Document Status and Sign Approved Lan
Document and Product Description Interfacing Link G4 + Fury to TTT802 Gearshift Controller		Page 2 (5)

PCLink Engine Management - C:\Link G4\PCLink G4+\Base Maps\G4+ Fury Sample.pclr

File Options ECU Controls Display Mode Layout View Logging Tuning Help

The screenshot shows the PCLink Engine Management software interface. On the left, the 'ECU Settings' tree is expanded to 'Digital Inputs', which is circled in red. The 'Digital Inputs' folder contains the following items:

- DI 1 - GearCut Input
- DI 2 - Clutch Switch
- DI 3 - Ethanol Sensor
- DI 4 - LF Wheel Speed
- DI 5 - Launch Switch
- DI 6 - RF Wheel Speed
- DI 7 - LR Wheel Speed
- DI 8 - RR Wheel Speed
- DI 9 - Brake Switch NO
- DI 10 - Power Steer Sw
- Ethanol Sensor

On the right, the 'DI 1 - GearCut Input' configuration window is open, showing the following settings:

Function	GP Input
Label	GearCut Input
Input Latch	OFF
Pullup Resistor	ON
On Level	Low
Active Edge	Falling

Use one of the first three Digital inputs (Di 1, Di 2, Di 3) for the Cut output from TTT802



Document/File name TTT802_LinkG4Plus_Fury.docx	Document Type External	Revision 1
First Revision, Sign and Date Bln 2019-02-04	Updated Revision, Sign and Date	Document Status and Sign Approved Lan
Document and Product Description Interfacing Link G4 + Fury to TTT802 Gearshift Controller		Page 3 (5)

PCLink Engine Management - C:\Link G4\PCLink G4+\Base Maps\G4+ Fury Sample.pclr

File Options ECU Controls Display Mode Layout View Logging Tuning Help

The screenshot shows the PCLink Engine Management software interface. On the left, the 'ECU Settings' tree is expanded to 'Auxiliary Outputs', where 'Aux 7 - Tacho' is highlighted with a red circle. On the right, a window titled 'Aux 7 - Tacho' is open, showing a table with columns for 'Function' and 'Label', and a 'Tacho' label in the 'Label' column. A red error message at the top right of the software reads 'ECU Fault Code 76: TP(main) /TP(sub) tracki'.

Use Aux 7 for RPM signal to TTT802



Document/File name TTT802_LinkG4Plus_Fury.docx	Document Type External	Revision 1
First Revision, Sign and Date Bln 2019-02-04	Updated Revision, Sign and Date	Document Status and Sign Approved Lan
Document and Product Description Interfacing Link G4 + Fury to TTT802 Gearshift Controller		Page 4 (5)

PCLink Engine Management - C:\Link G4\PCLink G4+\Base Maps\G4+ Fury Sample.pclr

File Options ECU Controls Display Mode Layout View Logging Tuning Help

The screenshot shows the PCLink Engine Management software interface. On the left, the 'ECU Settings' tree is expanded to 'MotorSport' > 'Gear Shift Control', which is circled in red. On the right, the 'Gear Shift Control' parameter list is displayed. A red banner at the top of the right pane reads 'The Engine Speed has been limited to 1800 due to...'. The parameters are as follows:

Parameter	Value
Start Shift Mode	Digital Input
End Shift Mode	Digital Input
Cut Mode	Ign % Cut
Up Shift Digital Input	DI 1
Down Shift Digital Input	OFF
RPM Lockout	0 RPM
TP Low Lockout	0 % TP
Speed Lockout	0 kph
End Of Gears Lockout	OFF
Max Shift Time	1000 ms
Start Shift Validation Time	2 ms
Re-Activation Timeout	0 ms
Drive/Overrun TP	0 % TP
Blip End Mode	Shift End
Driven Up Shift	
Driven Up Shift Torque Introduction	[Grid]
Driven Up Shift Cut	[Grid]
Driven Up Shift Ignition Trim	[Grid]
Driven Up Shift Fuel Trim	[Grid]
Overrun Down Shift	
Overrun Down Shift Throttle Trim	[Grid]
Maximum Down Shift RPM Lockout	[Grid]
Blip Response Time	[Grid]

Wire connections.

Use extension cable (TTT Part # 12-650-6) to interface the Link G4+ Fury with the TTT802 cable harness (TTT Part # 12-630-8 or 12-631-7 or 12-633-5).

Red – Cut Open Collector – connects to one of the Digital inputs Di 1, Di 2 or Di 3 on connector A pin 30, 31 or 23.

Blue – Cut Gnd – connect to Ground on connector A pin 25 or 34.

White – Ign pulse – connect to Aux 7 on connector A pin 27.

Black - Gnd Ign pulse – connect to Ground on connector A pin 25 or 34.



Document/File name TTT802_LinkG4Plus_Fury.docx	Document Type External	Revision 1
First Revision, Sign and Date Bln 2019-02-04	Updated Revision, Sign and Date	Document Status and Sign Approved Lan
Document and Product Description Interfacing Link G4 + Fury to TTT802 Gearshift Controller		Page 5 (5)

