C41 Command List

Send these command in **User-Defined** section to set the advanced function
*There should be no **spaces** between any commands

Query Command

After sending, the device will reply the current status information. The content in **bold orange** is the key information, which varies according to the current state of the device

No.	Function	Command	Reply Example	Explanation
1	Check Status	STATUS#	Battery:**3.41V**,Battery too low! Warning; GPRS:**Link Up**; GSM Signal Level:**Strong**; GPS:**Successful positioning**, SVS Used in fix:**10(11)**, GPS Signal Level:**32,31,32,31,28,29,29,36,32,33**; ACC:**OFF**; Defense:**OFF**	**Information Contained:** Battery status Online/Offline Network signal status GPS status SVS Status GPS Signal Level ACC Status Defense Status ***Providing the response content to technical support will help locate the cause of the problem.**
2		CHECK#	IMEI:**860796050000000**;VERSION:**GT300F_22_A1AM3_D23_R0_V11_WM**;SERVER:**gpsdev.tracksolid.com,21100**;GET IP:**47.89.58.215**;APN:**internet,1**;CSQ:**14**;GPRS:**1**;GPS:**2**;BAT:**3.97**; TIMER:**5**;SOS NUM:111111111,,;CENTER:000000000;ICCID:**8939880845020000000F**;IMSI:**222882454504300**;EURL:**http://maps.google.com/maps?q=**;MODE:**2,10**;	**Information Contained:** Device IMEI Hardware version Server Port and IP Device APN GPS signal grade Battery balance Detected SIM ICCID and IMSI Link of location Work mode ***Providing the response content to technical support will help locate the cause of the problem.**

No.		Command	Reply Example	Explanation
3	Check Status	VERSION#	[VERSION]**GT06B_10_8MM_B25_V11_LA** [BUILD]2013/01/04 17:45	**Information Contained:** Device Software Version ***Providing the response content to technical support will help locate the cause of the problem.**
4		PARAM#	IMEI:**868120103643505**;TIMER:**20,20**; SENDS:3; SOS:,,; Center Number:;Sensorset:10,3,5,1; Defense time:**10**; TimeZone:**E,8,0**;	**Information Contained:** IMEI Working Mode Timer Defense Time Time Zone ***Providing the response content to technical support will help locate the cause of the problem.**
5	Check Location	URL#	**<01-08 17:36>http://maps.google.com/maps?q=N22.577156,E113.916748**	**Information Contained:** Date&Time Link to check current location Latitude & Longitude
		POSITION		
		WHERE#	**Current position!** **Lat:N22.57776,Lon:E113.91667,Course:334,Speed:0Km/h,DateTime:2015-12-28 09:15:12**	**Information Contained:** Date&Time Latitude & Longitude Mileage & Speed
6	Searching GPS Signal	GPSON#	OK!	**Function:** When there is no location after activated, bring the device to an open area and send this command, the locator will start searching for GPS signals for 5 minutes to obtain positioning data.

Functional Command

The contents in **bold green** are restricted parameters, which have a specific format or limited range, please fill in according to the rules given in the **Explanation**. Please keep the other characters unchanged

No.	Function	Command	Reply Example	Explanation
1	Working Mode (Based on Time)	TIMER,**T1**,**T2**#	OK!	**Function:** Set working mode based on time interval The device will fetch location every **T1** seconds when ACC ON, and every **T2** seconds when ACC OFF If interval is set as **0**, the device will stop working. Interval when Acc on: **T1**=0 or 5~18000, integer in seconds; default:10 seconds; Interval when Acc off: **T2**=0 or 5~18000, integer in seconds; default:10 seconds;
		TIMER#	TIMER:**5,180**	**Function:** Check current work mode interval
2	Working Mode (Based on Distance)	DISTANCE,**D**#	OK!	**Function:** Set working mode based on moving distance The device will get the location every time it moves **D** meters If distance is set as 0, the device will stop working. Distance moved: **D**=0 or 50~10000, integer in meter; default:300 meters;
		DISTANCE#	DISTANCE:**100**	**Function:** Check current work mode interval

No.	Function	Command	Reply Example	Explanation
3	Extra Upload when Turning	ANGLEREP,ON,**A**,**T**#	OK!	**Function:** Turn on extra upload when turning **(Default on)** The device will specially upload location data when keep detecting an **A** degrees turning for **T** seconds. Track recording accuracy will be improved when turned on. Turning Angle: **A**=5~180, integer in degrees; default:30 degrees; Detecting Duration: **T**=2~5, integer in seconds; default:3 seconds;
		ANGLEREP,OFF#	OK!	**Function:** Turn off extra upload when turning
		ANGLEREP#	ANGLEREP:**ON,30,3**	**Function:** Check current status of extra upload when turning
4	Vibration Alert	SENALM,ON,0#	OK!	**Function:** Turn on vibration alert **(Default off)**
		SENALM,OFF#	OK!	**Function:** Turn off vibration alert
		SENALM#	SENALM:**ON,1**	**Function:** Check current vibration alarm status
5	Set Vibration Sensitivity	LEVEL,**M**#	OK!	**Function:** Adjust the sensitivity level of the vibration sensor Sensitivity level: **M**=1/2/3/4/5, default:2; **1:** Highest sensitivity **5:** Minimum sensitivity
		LEVEL#	LEVEL: **1**	**Function:** Check the current vibration sensitivity level

No.	Function	Command	Reply Example	Explanation
6	ACC OFF Alert	POWERALM,ON,0,T1,T2#	OK!	**Function:** Turn on ACC off Alert **(Default on)** When the device detects ACC off for over T1 seconds, it will send an alert through the M methods. If the ACC is back on for less than T2 seconds, the device will not alert again. (T2 is used to filter repeated alerts) Power off time: T1=2~3600, integer in seconds; default:10 seconds; Back to charge time: T2=1~3600, integer in seconds; default:1 seconds;
		POWERALM,OFF#	OK!	**Function:** Turn off ACC off alert
		POWERALM#	POWERALM: ON,2,10,1	**Function:** Check current ACC off alert status
7	Moving Alert	MOVING,ON,R,0#	OK!	**Function:** Turn on moving alert **(Default off)** Send an alert when the device moves more than R meters Moving radius: R=100~1000, integer in meters; default: 300 meters;
		MOVING,OFF#	OK!	**Function:** Turn off moving alert
		MOVING#	POWERALM: ON,2,10,1	**Function:** Check current moving alert status

No.	Function	Command	Reply Example	Explanation
8	Car Battery Alert	EXBATALM,ON,0,**N1**,**N2**,**T**#	OK!	**Function:** Turn on low battery alert **(Car battery) (Default off)** When the device detects that the OBD II port input voltage is lower than **N1*0.1V** for **T** seconds, the device will send a notification. If the device detects that the OBD II port input voltage is higher than **N2*0.1V** for less than 10 seconds, the device will not alert again. (**N2** is used to filter repeated alerts) Low battery threshold: **N1**=10~360, unit: 0.1V, default: 128 (12.8V) Non Low battery threshold: **N2**=10~360, unit: 0.1V, default: 138 (13.8V) Detection duration: **T**=1~600, integer in seconds; default: 10 seconds;
		EXBATALM,OFF#	OK!	**Function:** Turn off car battery alert
		EXBATALM#	EXBATALM: **ON,0,115,123,30**	**Function:** Check current car battery alert status
9	Low Battery Alarm	BATALM,ON,0#	OK!	**Function:** Turn on low battery alert **(Built-in backup battery) (Default on)**
		BATALM,OFF#	OK!	**Function:** Turn off low battery alert
		BATALM#	BATALM: **OFF,1**	**Function:** Check current low battery alert status

No.	Function	Command	Reply Example	Explanation
10	Overspeed Alert	SPEED,ON,**T**,**S**,0#	OK!	**Function:** Turn on overspeed alert **(Default off)** Detection time: **T**=5~600, integer in seconds; default: 20 seconds; Speed threshold: **S**=1~255, integer in km/h; default: 50 km/h;
		SPEED,OFF#	OK!	**Function:** Turn off overspeed alert
		SPEED#	SPEED: **ON,20,100,1,ON**	**Function:** Check current overspeed alert status
11	Defence Mode	DEFMODE,**X**#	OK!	**Function:** Change the defence mode switching method when ACC off Switching Method: **X**=0/1, default: 1 0: **Automatically** 1: **Manually**
		111#	OK!	**Function:** Works only if **X**=1(**Manually** defence Mode) Keep the vibration alarm **enable** when Acc off
		000#	OK!	**Function:** Works only if **X**=1(**Manually** defence Mode) Keep the vibration alarm **disable** when Acc off

No.	Function	Command	Reply Example	Explanation
12	Mileage Calculation	MILEAGE,ON,L#	OK!	**Function:** Enable mileage calculation **(Default on)** Initial mileage: L=0~999999, integer in km; default:0 km;
		MILEAGE,OFF#	OK!	**Function:** Disable mileage calculation
		MILEAGE#	MILEAGE: ON,99	**Function:** Check current total mileage
13	LED Control	LEDSW,A#	OK!	**Function:** Control the LEDs on the device A=ON/OFF, default:ON;
		LEDSW#	LEDSW: OFF	**Function:** Check current LED Status
14	Unplug Alert	PULLALM,ON,0,20,30#	OK!	**Function:** Turn on disassembly alert **(Default on)**
		PULLALM,OFF#	OK!	**Function:** Turn off disassembly alert
		PULLALM#	PULLALM: ON,1,20,30	**Function:** Check current disassembly alert status
15	Sudden Speed Up/Down Alert	SPEEDCHECK,ON,0,T,S1,S2#	OK!	**Function:** Turn on sudden speed up/down alert **(Default off)** Send an alert when the device continuously detects acceleration over S1 or deceleration over S2 for more than T seconds **Detection time:** T=1~30, integer in seconds; default: 4 seconds; **Speed up threshold:** S1=10-300, integer in km/h; default: 30 km/h; **Speed down threshold:** S2=10-300, integer in km/h; default: 50 km/h;
		SPEEDCHECK,OFF#	OK!	**Function:** Turn off sudden speed up/down alert
		SPEEDCHECK#	SPEEDCHECK: ON,0,4,30,50	**Function:** Check current status of sudden speed up/down alert

No.	Function	Command	Reply Example	Explanation
16	Sharp Turn Alert	SWERVE,ON,0,**A**,**V**,**T**#	OK!	**Function:** Turn on sharp turn alert **(Default off)** Send an alert when the device continuously detects a turn exceeding **A** degrees and a speed exceeding **V** for more than **T** seconds **Turning Angle:** **A**=10-180, integer in degrees; default: 30 degrees; **Speed:** **V**=10-200, integer in km/h; default: 60 km/h; **Detecting Duration:** **T**=1-30, integer in seconds; default: 3 seconds;
		SWERVE,OFF#	OK!	**Function:** Turn off sharp turn alert
		SWERVE#	SWERVE: **ON,0,30,60,3**	**Function:** Check current status of sharp turn alert
17	Car Collision Alert	COLLIDE,ON#	OK!	**Function:** Turn on collision alert **(Default off)**
		COLLIDE,OFF#	OK!	**Function:** Turn off collision alert
		COLLIDE#	COLLIDE: **ON**	**Function:** Check current status of collision alert
18	Rollover Alert	ROLLOVER,ON#	OK!	**Function:** Turn on rollover alert **(Default off)**
		ROLLOVER,OFF#	OK!	**Function:** Turn off rollover alert
		ROLLOVER#	ROLLOVER: **ON**	**Function:** Check current status of rollover alert
19	Fuel Cut-off/Restore	RELAY,0#	OK!	**Function:** Cut off fuel connection
		RELAY,1#	OK!	**Function:** Restore fuel connection