

TA-910 Quick Start Manual

TA-910 Specification	
Connection to OBDII:	SAE J1962 OBDII plug interface
CANBus Protocol:	ISO 15765-4 (CAN) ISO 14230-4 (Keyword Protocol 2000) ISO 9141-2 (Asian, European, Chrysler vehicles) SAE J1850 VPW (GM vehicles) SAE J1850 PWM (Ford vehicles)

Connecting TA-910 to TR-600/TR-606:

- Connect TA-910 to the RS232 port of TR-600/TR-606



- Plug TA-910 onto the vehicle OBDII port.

TR-600/TR-606 Protocol setup for reading vehicle

OBDII data:

- New O3 report format codes added for interpreting OBDII data:

Code	Description	Unit
z	Vehicle Identification Number (VIN)	Text
c	Vehicle speed	Km/h
d	Engine RPM	rpm
j	Calculated engine load	%
k	Engine coolant temperature	Celsius
l	Mass Air Flow (MAF)	grams/sec
p	Throttle position	%
q	Fuel level input	%

Example :

Enable OBDII data: (setting above O3 format codes for OBD data while disabling Cell ID reports *O8=0* and add Cell ID codes to O3 format instead, GSe Cell ID reports cannot include OBD data.)

Sample setting:

```
GSC,IMEI,M4(O3=SPRXAB27GHKLMniavwzcdjklpq*U!,O8=0)*checksum!
```

Disalbe OBDII data: (removing OBD data codes and Cell ID codes from O3 format while re-enabling GSe Cell ID reports.)

Sample setting:

```
GSC,IMEI,M4(O3=SPRXAB27GHKLMnia*U!,O8=1)*checksum!
```

Resetting the device:

- Once TA-910 is plugged in and TR-600/TR-606 report format is also properly configured, push the "RESET" button on TR-600/TR606 once to initiate OBDII protocol scan and connection.



- TR-600/TR-606 is now capable of reading preset OBDII data from the vehicle.

Report string containing OBD data according to the above O3 format:

GSr,352964052270304,00,1,e000,3,030913,092026,E12129.2585,N2459.
7931,106,0.00,0,9,0.8,12020mV,1G1JC5444R7252367,193,5881,19,67,38
3,0,50*04

Note: It is possible that some vehicles may protect specific OBD data which renders it unavailable for TA-910 to interpret.