



Maserati Tech Tips 72

Date: September 15, 2016
Bulletin No.: Tech Tips 72
Performing and attaching acquisitions to BOL using MDEVO

MASERATI

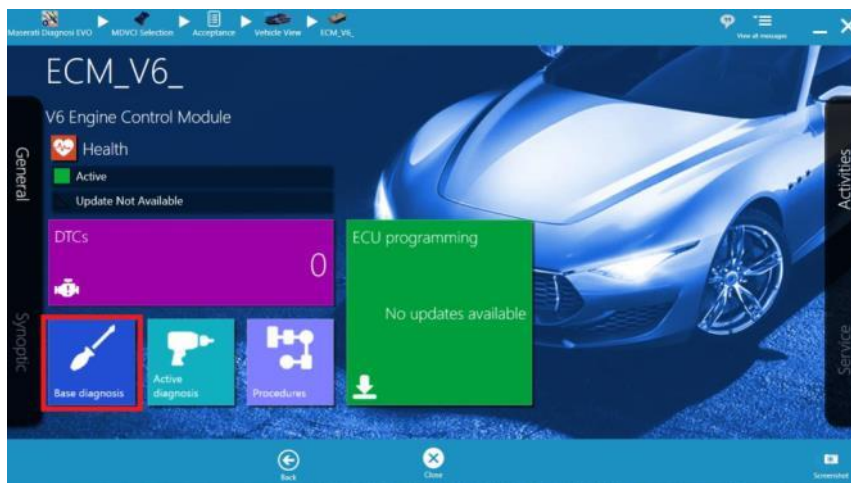
Subject: Performing and attaching acquisitions to BOL using MDEVO.

Description: When requested to attach acquisitions to any BOL report follow this process:

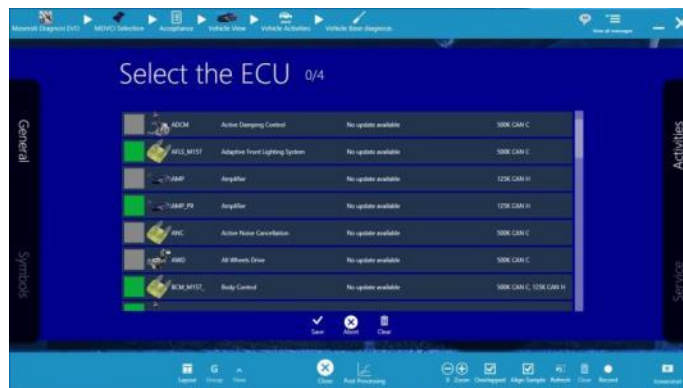
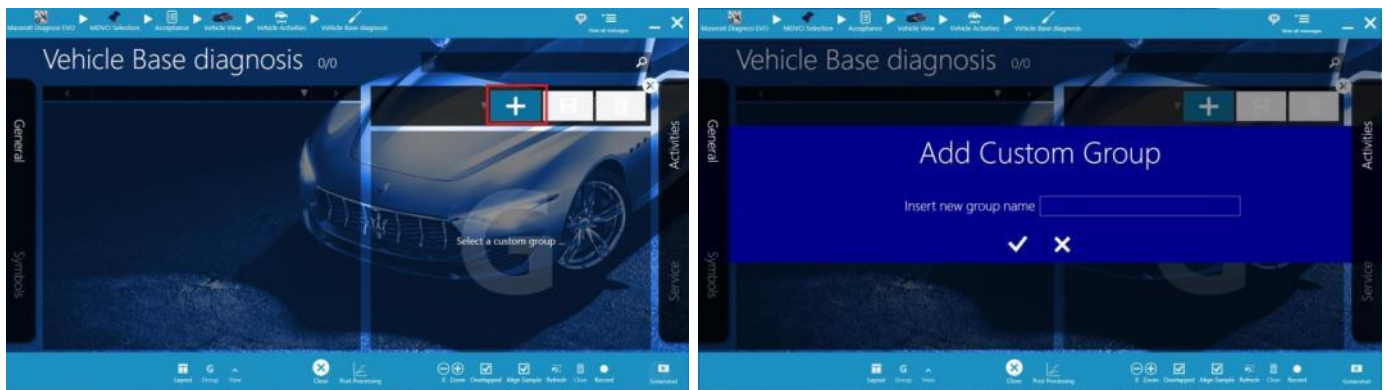
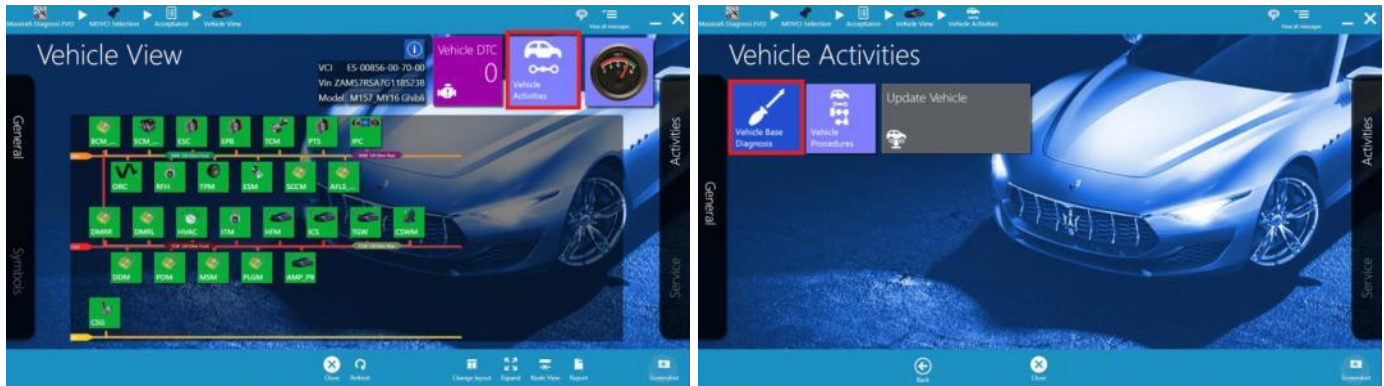
1. Make sure your MD is up to date, select “General” and “Information” version must be YUMA 2.1.10.0 or later.



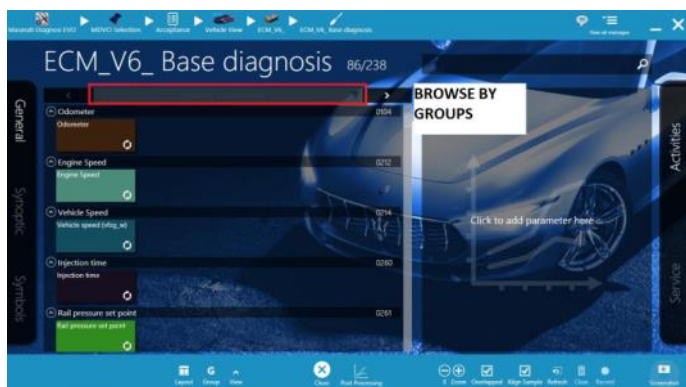
2. Get inside any ECU and select “Base diagnostic”.



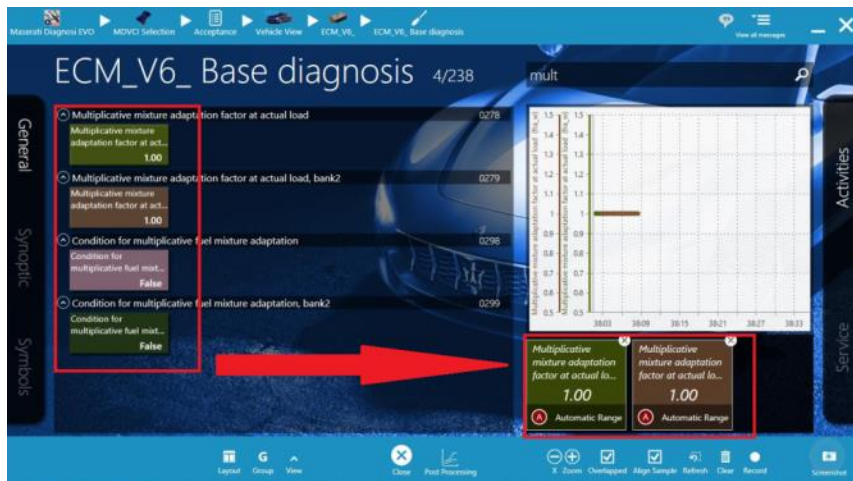
NOTE: You can also perform acquisitions using parameters of up to four different ECUs at the same time by selecting “Vehicle activities”, then vehicle base diagnosis and creating a new group.



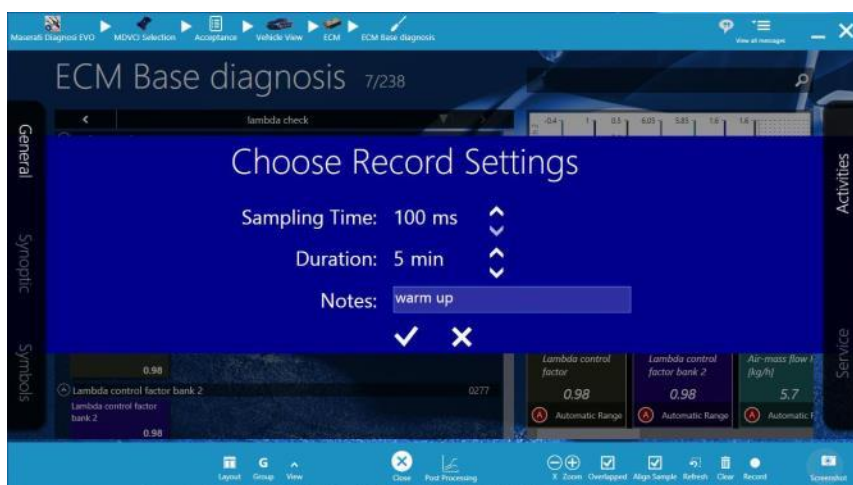
3. Search for desired parameters; browse by groups or by search function.



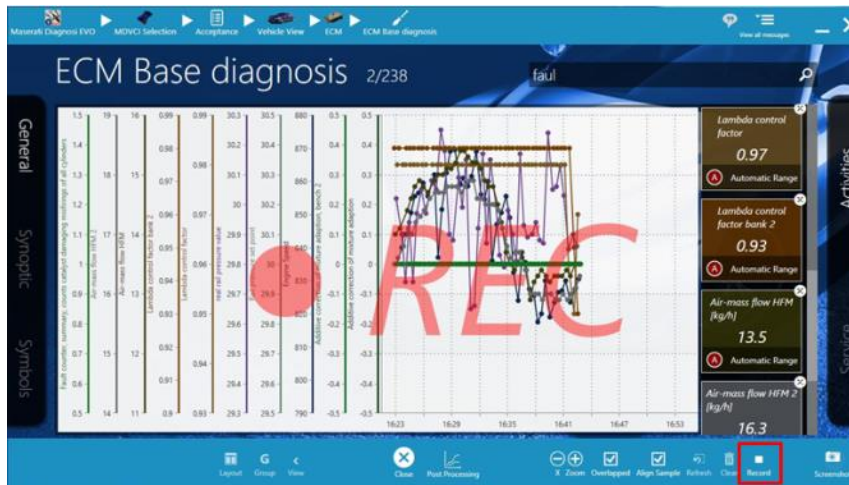
4. Select the desired parameters by click and hold to select them, then click the button REC.



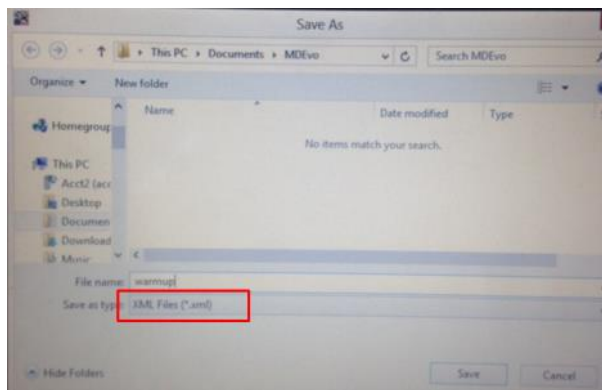
5. Select the adequate sample rate and duration for the acquisition, then click ok.



- The acquisition will start, you can let the time run or stop the acquisition at any time using the STOP button on the bottom of the screen.



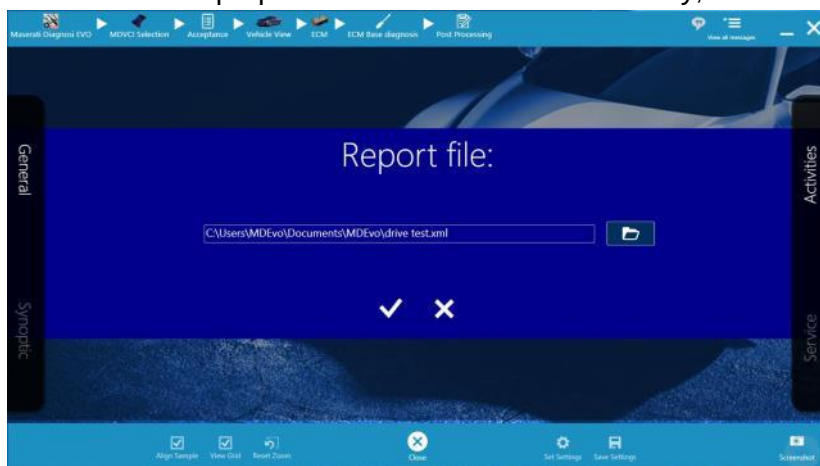
- After performing the acquisition you will be prompted to save the file as .xml, choose a name and save into the local PC.



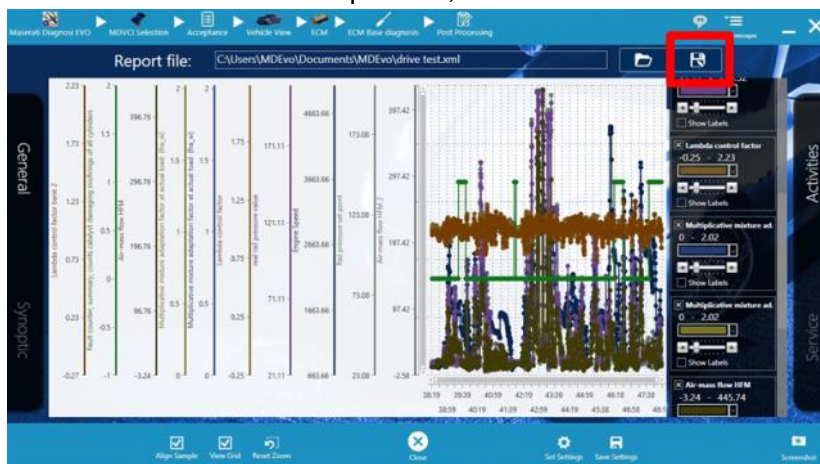
- After saving the .xml file, click the “Post-processing” icon on the bottom of the screen.



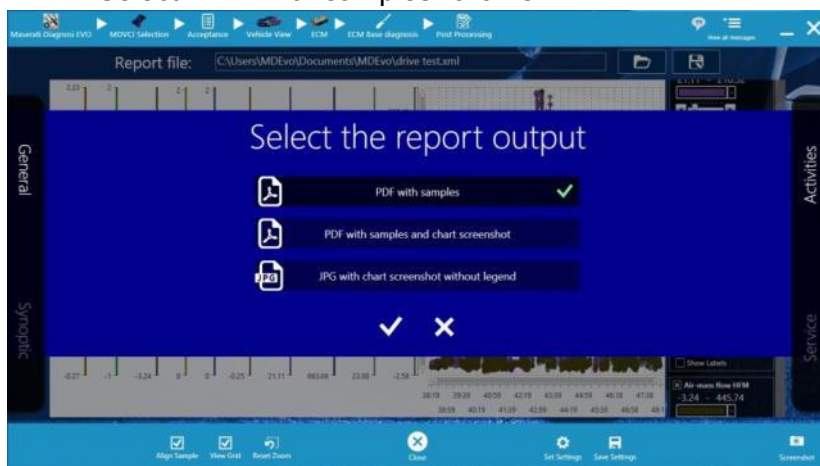
- Open the xml file previously saved, you can choose any xml file on memory, the EVO will propose last saved xml automatically, click OK.



- Once inside the acquisition, select the “save” button on top right corner.



- Select “PDF with samples” click OK.



12. You will be prompted to save the file as “.pdf”. Choose a name and save into the PC or USB. **This is the file you should attach to the BOL.** See example below.

Parameter Samples

Time	Air-mass flow HFM 2	Rail pressure set point	Engine Speed	real rail pressure value	Lambda control factor	Multiplicative mixture adaptation factor at actual load (fra_w)	Multiplicative mixture adaptation factor at actual load (fra_w)	Air-mass flow HFM	Fault counter, summary, counts catalyst damaging misfirings of all cylinders	Lambda control factor bank 2
38:19:200	10.3									
38:19:800	10.3									
38:20:400	10.0									
38:20:900	10.0	30.00								
38:21:000				29.79			1.00			
38:21:100			833.5		1.00					
38:21:200	10.2					1.00				
38:21:300							1.00	9.8		
38:21:400									0000	0.94
38:21:500				29.87						
38:21:600		30.00	837.5							
38:21:700					1.02					
38:21:800						1.00				
38:21:900	10.5							9.9		
38:22:000							1.00			
38:22:100									0000	0.97
38:22:200			841.0	30.00						
38:22:300		30.00								
38:22:400					1.04	1.00				
38:22:500	10.4							9.8		