Steps	Check
1) Replace AAA batteries with new ones (recommend Energizer or Duracell)	
2) Take out the micro SD card and set the sensor range in RANGE.txt i.e. 2G 100G or 16G 100G	
3) Delete all data files in the sensor using your laptop/PC or hold onto the user button for >4 seconds to reformat the micro SD card. Then turn the device off and on again.	
4) Install one V-sensor per position of measurement; if benchmarking is required on the same train then more V-sensors are required	
5) Bring helmet for working under the train	
6) Bring hi visibility clothing for working outside the train	
7) Inform relevant parties for installation i.e. email depot control center 1 day earlier and phone them to check for feasibility for site installation, and subsequently require:- a) Competent persons track (safety supervising personnel) b) Driver personnel c) Car number booking	
8) Carbooking form (DCC form)	
9) Permit to work (DCC form)	
10) Phone number of DCC	
11) Double side sticker for installing the sensor on the train (thin type)	
12) Loctite 495 for general installation adhesive (borrow from workshop)	
13) Cable ties and/or electrical tape for redundant security (borrow from workshop)	
14) Hammer to remove sensor (borrow from workshop)	
15) Find level surface for installation of sensor	
16) Photograph installed V-sensor so that you know which axis is longitudinal	
17) Turn on V-sensor	
18) Balance V-sensor by pressing the user button once and record the on-time (day, hour, minute, seconds)	
COMPLETE! The sensor will now be running and recording the Low G and High G vibration at the same time into an Excel file	