


ACC Alignment Procedure

Once it has been established that the ACC Radar module is the root cause, the alignment process is as follows.

1. Fit module to vehicle, ensuring the vehicle is level, & the Radar is fitted level. (Use the electronic Jaguar levelling gauge as supplied with the initial S-TYPE service tools.)
2. Connect WDS to vehicle, & run "Configure new module" application. **Ensure process is complete & WDS is returned to docking station. Cycle ignition before driving vehicle.** The "follow" icon (shown right) should now be flashing, this indicates the vehicle is in "service alignment" & now requires driving. 
3. The service alignment process measures the path of stationary targets such as streetlights, railings, road signs, parked vehicles etc., and uses this data to correct for radar misalignment. Alignment will complete more quickly if more suitable targets are seen. The following recommendations will help:
 - The speed must be above 30mph (48kph)
 - Try to keep the speed relatively constant. Numerous accelerations and decelerations will cause the process to take longer
 - Choose a road with plenty of road furniture. Use an inside or outside lane.
 - Following vehicles too closely will obscure the stationary targets from the radar, a time gap of 2 seconds is recommended.
 - A straighter road will produce a quicker and better result, although the process will still operate on a curved road.
 - **The time the module takes to align will vary, depending on the route, speed, number of targets, & individual module.**
4. When the flashing "follow" icon light extinguishes, the system is now functional, & a desired speed can now be set by the customer & ACC will operate as normal.