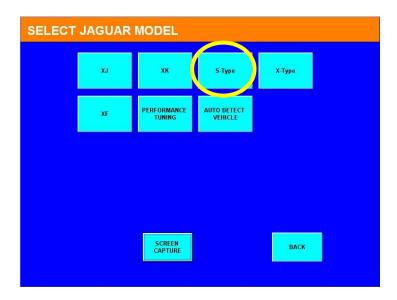


SAMPLE JAGUAR PROCEDUREfor Transmission Adaptation Drive Cycle

There are many drivability issues with the ZF gearboxes fitted to Jaguar S-type, XK & XJ vehicles. The recommended remedial action to resolve these generally involves a FLASH programming update, then a specific drive cycle to set the base adaptations in the transmission control module.

This drive cycle varies depending on the vehicle & relies on a number of gear changes occurring within specified tolerances.

Autologic for Jaguar software assists the user to carry out this process by showing the user which gear changes are still required, together with the requirements for it. The following screen shots show how simple it is to achieve this process using Autologic.



First the user must select the vehicle, in this case, an S-type, X204 chassis.



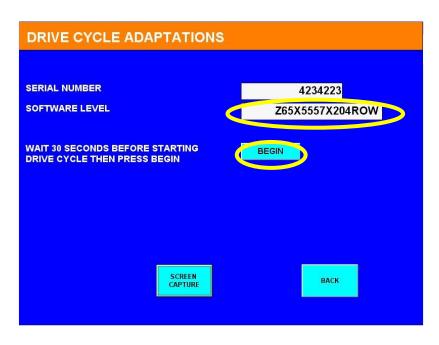
Then select the Special Applications option





From this page, a number of special applications are available on *Autologic* for this vehicle.

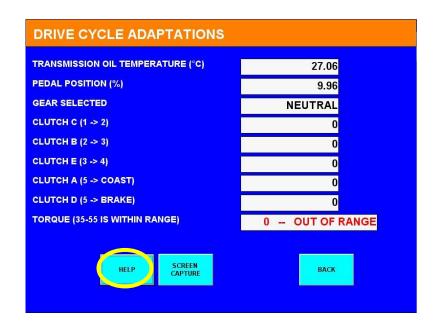
For this example, *TCM DRIVE CYCLE ADAPTATIONS* is selected.



The next screen displayed indicates the current software specification.

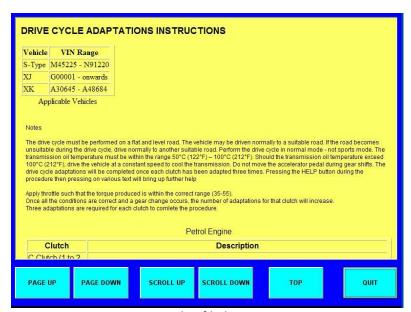
Pressing BEGIN moves to the following screen.





The drive cycle can now commence.

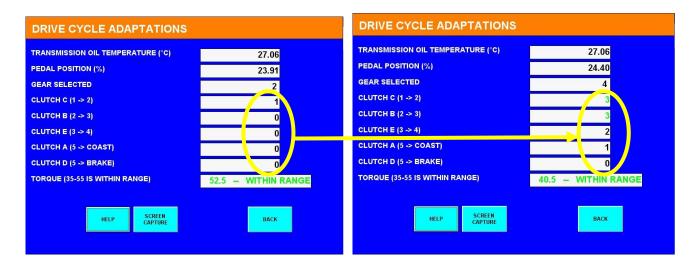
Autologic has comprehensive help built-in to the software. By pressing the *HELP* button, the user is presented with a set of comprehensive instructions to help carry out the process.



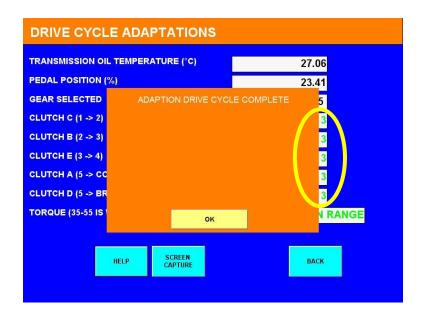
Example of help screen

The intention is to drive the car smoothly up and down through every gear, keeping the torque reading in the 35-55% range.





As the drive cycle continues & each gear change takes place, the number of clutch engagements will increase as shown in the screen shots above.



Once all Clutches reach 3 changes, *Autologic* will notify the user that the drive cycle is now complete.