



Technical Service Information

HYUNDAI ELANTRA F4A40 SERIES 2-3 UP-SHIFT BIND-UP/DOUBLE BUMP SHIFT COLD

COMPLAINT: Some 2005 model Hyundai Elantra models equipped with the F4A40 series transmission may exhibit a complaint of a bind up on the 2-3 up-shift and or a complaint of a double bump during 2-3 transition, when the vehicle is cold. After a few complete shift cycles from 1st thru 4th the vehicle will shift normal until the vehicle is left for a long period of time, and the process will start all over again.

CAUSE: The cause may be a faulty Transmission Control Module, causing the release of the 2nd Brake to be extended causing too much overlap creating a bind on the 2-3 up-shift. **Note:** This can commonly be compared to a re-learn that has not been performed correctly, although that is not the case. This problem has also caused many shops to R&R this transmission numerous times, finding no problem with clearances, valve body, etc.

CORRECTION: To correct this condition, replace the Transmission Control Module, located in the driver side kick panel. **Note:** Re-flashing this TCM for this problem, has had no effect, resetting the adapts in the TCM with a factory scan tool, has also had no effect at this point, replacing the TCM has been the only solution thus far.

SERVICE INFORMATION:

Contact your Local Hyundai Dealer for part number and availability of the TCM.

*Special thanks to
Chuck at
Chet & Micks Trans.*