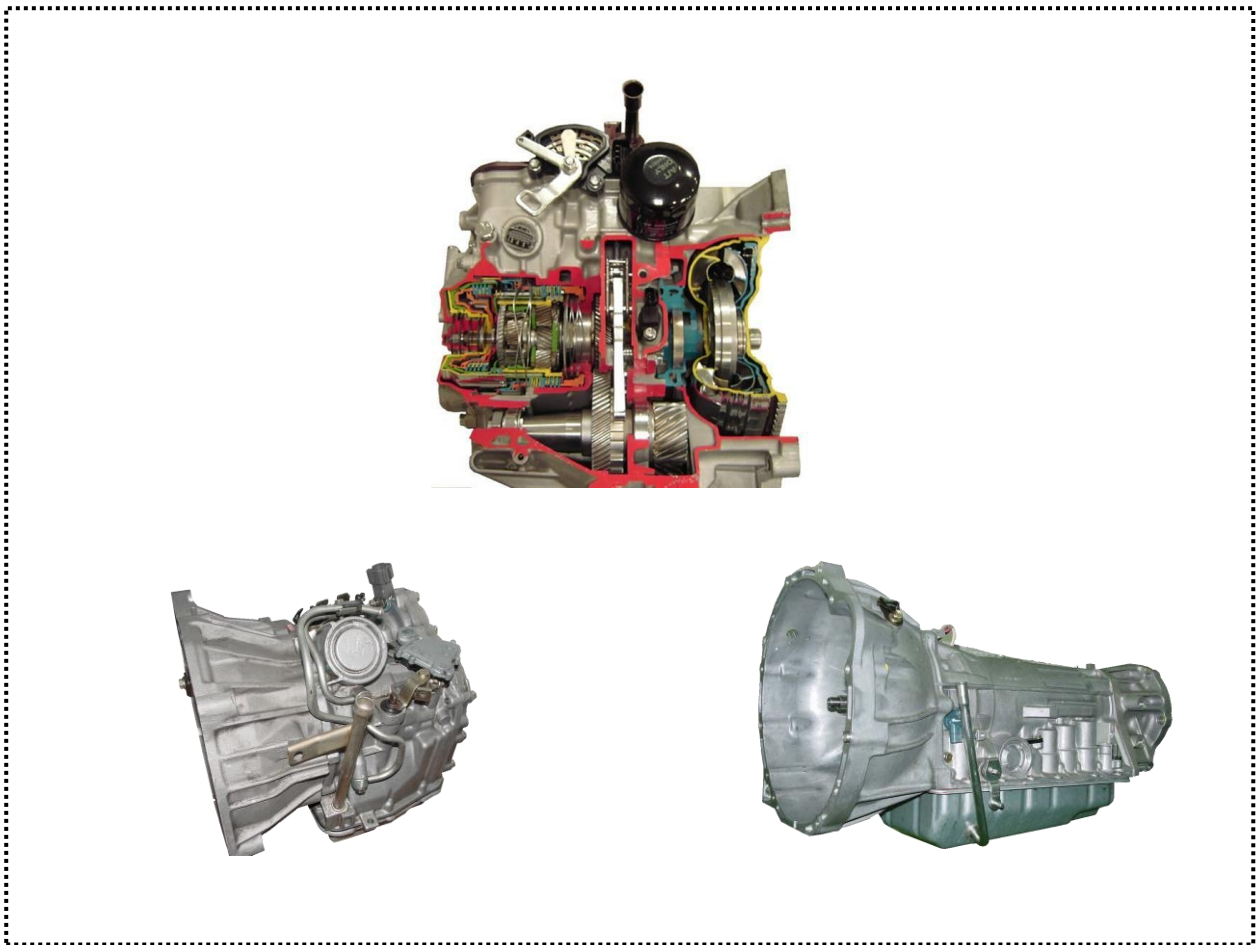


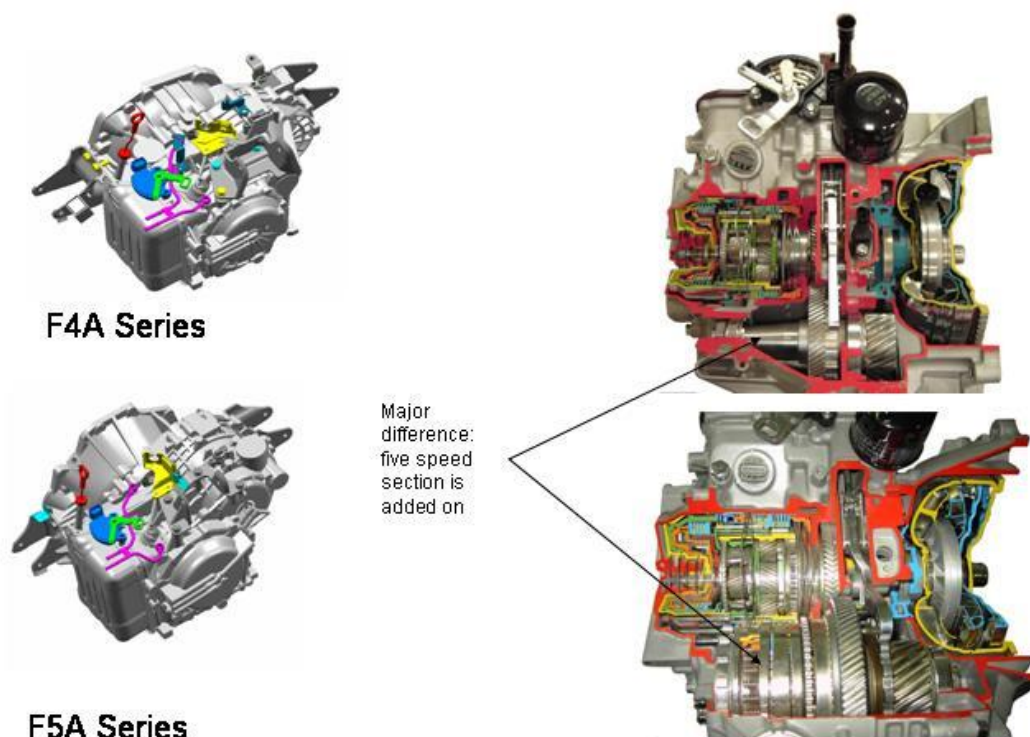
Automatic Transmission 2 HIVEC



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F4A, F5A, A5HF series comparison



The HIVEC transmission family consists of several different models. Some are only different in minor items such as torque capacity. But others have major differences as for example 4 and 5 speed versions and the existing 4 speed versions belong to the F4A. Family and the 5 speed versions are named F5A or recently A5HF., despite the different name the construction is still very similar to F5A.. Series As can be seen in the pictures the base construction is the same between a 4 speed and a five speed transmission, just some components are added to make 5 speeds available. These added parts are namely an additional planetary gear set, the reduction brake, the direct clutch, the necessary valves and changes to the hydraulic circuit. More details on that will follow later on. Additionally there are versions with or without one way clutch, with or without sub oil filter, versions with conventional shift layout (7 steps) or with sports mode. (The difference between sports mode transmission and conventional type is only at the control side but not within the automatic transmission unit itself). In this course you will get information about the general system construction and layout of the HIVEC, which will enable you to do a proper service and trouble shooting. Detailed information about the hydraulic control, the power flow as well as overhaul information will be given in a separate course.