



# Tech Tips

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## All models 2000-2015 (except Routan) – Torque Converter/Flywheel/Flexplate installation

Incorrect torque converter or flywheel/flexplate installation can result in transmission damage. When installing an engine, flywheel or transmission, please follow the installation procedures outlined in ELSA. For the flywheel/flexplate, please be certain the correct shim is installed between it and the crankshaft (reference VWIQ120). When installing a torque converter, press the torque converter hub through the seal as far as the first stop. Turn the torque converter while pushing toward the transmission using light force, until the cut outs in the torque converter hub lock into the pump wheel plate. The torque converter slides in. The torque converter is installed correctly if it is easy to turn by hand and if it fits evenly in the transmission bell housing. Additionally, it should spin freely when the transmission bell housing bolts are torqued to the engine block, prior to installation of the flywheel to converter bolts (reference VWIQ121).