

A3 Fsi Engine Diagram

Direct-shift gearbox The first dual-clutch transmissions were derived from Porsche in-house development for the Porsche 962 in the 1980s. The electric motor is included in the DSG assembly, between the combustion engine and the A direct-shift gearbox (DSG, German: Direktschaltgetriebe) is an electronically controlled, dual-clutch, multiple-shaft, automatic gearbox, in either a transaxle or traditional transmission layout (depending on engine/drive configuration), with automated clutch operation, and with fully-automatic or semi-manual gear selection. Audi A3 and Audi Q3, Seat Leon and Skoda Octavia and Superb iV c1f49d4e4f

Volkswagen Group introduced the first VR6 engine in 1991 and VR6 engines remained in... c1f49d4e4f

VR6 engine 8 VR6 and Volkswagen Vento/Jetta (A3), 2. Usage of the VR6 engine spread to the Volkswagen Golf Mk3 2. The name VR6 comes from the combination of German words "V-Motor" and "Reihenmotor" meaning "inline engine" referring to the VR-engine having characteristics of both a V-layout and an inline layout. The VR6 is a highly compact engine, thanks to the narrower angle of 10. It was developed specifically for transverse engine installations and FWD (front-wheel drive) vehicles. The compact design is cheaper to manufacture, since only one cylinder head is required for all six cylinders, much like a traditional inline-6 engine. 8 VR6 models in 1992, and high The VR6 engine was a six-cylinder engine configuration developed by Volkswagen. valves per cylinder. 5 to 15 degrees between cylinder banks, as opposed to the traditional V6 angles ranging from 45 to 90 degrees c1f49d4e4f

In simple terms, a DSG automates two separate "manual" gearboxes (and clutches) contained within one housing and working as one unit. It was designed by BorgWarner and is licensed to the Volkswagen Group, with support by IAV GmbH. By using two independent clutches, a DSG can achieve faster shift times and eliminates the torque converter of a conventional... c1f49d4e4f

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