

## 4MATIC four wheel drive - Overview

### Comparison of the 4MATIC and 2 wheel (2WD) engine attached components

Component (2WD)	Description of Modification	Reason for modification
Diecast aluminum oil pan top section	Conversion of front sump to center sump	Modified steering position
	Formation of a "dry" tunnel diagonally through the oil pan	Mounting and through-drive for the intermediate shaft
Sheet steel oil pan bottom (section of sheet steel)	Steel deep-drawn part	Adaption for center sump oil pan, drain plug
Oil pump/oil suction pipe	Modified oil intake pipe	Modular pump retained, adaption for oil suction position in center sump
Oil baffle	New contour	Adaption to suit modified oil suction pipe and shaft tube
Oil dipstick guide tube	Modified course	Adaption to match center sump
Support brace	New component bolted sideways on the oil pan	Support structure to mount the front axle differential
Diecast aluminum engine supports	New contour optimized with regard to strength and noise transmission	Modified engine mount position
Starter	Mounted on left side of engine	Right side of engine occupied by axle shafts and front axle differential
Transmission oil cooler lines	Routing adapted	Modified transmission pan
	Additional bypass for oil supply transfer case	Active lubrication of the transfer case
Engine wiring harness	Cable length changed	Changed location of oil and O <sub>2</sub> sensor systems