



SERVICEINFO

AIC Germany
Automotive Components

CABLE, MANUAL TRANSMISSION

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Torn cables

Nowadays, modern cars are equipped with a Bowden cable instead of a shift linkage.

The cable has become an important component of modern vehicles with manual, direct shift and automatic transmissions. More precisely, this is a Bowden cable. This transmits the shift commands from the gearshift to the transmission. In contrast to the shift linkage, this solution requires less maintenance, as it generally does not need to be lubricated and is easier to readjust. In addition, it can be laid more flexibly in the engine compartment of the car. A cable pull usually consists of two shift cables. The selector cable and the shift cable. The length of the respective shift cables changes depending on the position of the shift lever.

However, the cables can wear out over time and break as a result. But typical behavior or mistakes made by drivers when shifting gears, which surely everyone has encountered at some time, are also a cause of a defect. These are, for example, a casual driving style with the hand permanently resting on the gearshift knob, „spontaneous shifting into reverse“ while driving or particularly „sporty“ driving. Ideally, these driver-related stresses can still be avoided. It becomes difficult when it comes to the everyday stresses caused by corrosion, aging or wear. The impending dilemma is usually announced when, for example, individual gears cannot be engaged without further ado. Sometimes it is then sufficient to readjust the shift cable. If not: AIC has a replacement. Whether selector and shift cable individually or as a set for manual, direct shift



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CAUSES

- Hand permanently resting on the gearshift
- Shifting into reverse gear while driving
- Tearing at the gearshift
- Corrosion, aging or wear



DAMAGE IDENTIFIED

- Gears are difficult or impossible to engage
- Heavy operation of the manual, direct-shift and automatic transmissions



NOTE

Depending on the type of transmission and vehicle model, the exact procedure for replacing the cable may differ. If one of the cables is damaged or broken, it is a good idea to replace the other one as well. This saves time and money.