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Automotive Components

HYDRAULIC HOSES

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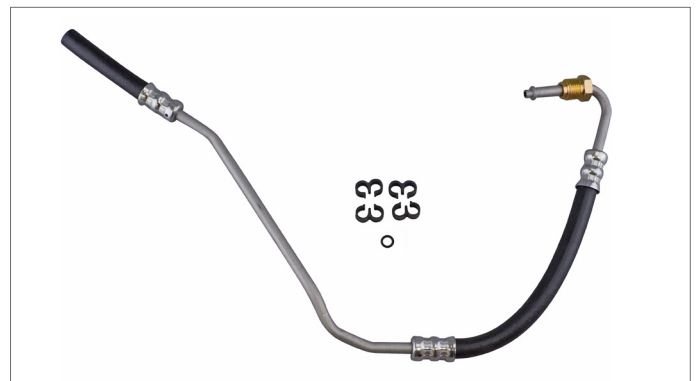
A relief for every driver

With the invention of power steering, drivers have it much easier these days. The hydraulic pressure in the steering system allows the driver to steer more precisely and easily.

Thanks to the hydraulic and electric assistance, the steering can be moved quite easily. In the past, however, this was only possible with a very large amount of force. Today, even modern driver assistance systems and control units allow more precise adjustment of the steering according to the driver's preferences.

The hydraulic hose plays a central role in the steering system. Its flexibility makes it easier to install hydraulic lines in confined spaces. In addition to the servo valve, the servo pump, the hydraulic cylinder and the oil reservoir, the hydraulic hose is one of the most important components of the system. The servo oil or hydraulic fluid is pumped into the steering hoses. The pump generates hydraulic pressure and builds up the oil pressure to the steering gear. If there is a lack of oil, the oil foams up, there are interruptions in

the steering assistance and chips are produced. This leads to damage to the entire steering system and is associated with high consequential costs.



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CAUSES

- Leakage due to age
- Damage or deformation due to accidental damage
- Rare case: bursting of the rubber hose due to age/environmental influences



POSSIBLE DEFECTS

- Heavy steering
- Oil leakage
- Low level in the tank for the hydraulic fluid



ADVICE

If defects are detected, a workshop should be visited as soon as possible and the replacement should be carried out by a specialist.