

# SERVICE INFO



## New tool box for OAPs and OADs (Item no. 400 0241 10)

The following holds true for both simple alternator drives with V-belts and for today's complex front end accessory unit drive systems, complete with alternators, conditioning compressors and power-steering pumps:

Rotational imbalance in a crankshaft leads to tension peaks in the poly V-belt on the accessory unit drive. These tension peaks must then be absorbed by all the components and the belt tensioner. In some areas, these peaks then lead to a slippage, causing abrasion between the poly V-belt and drive wheels.

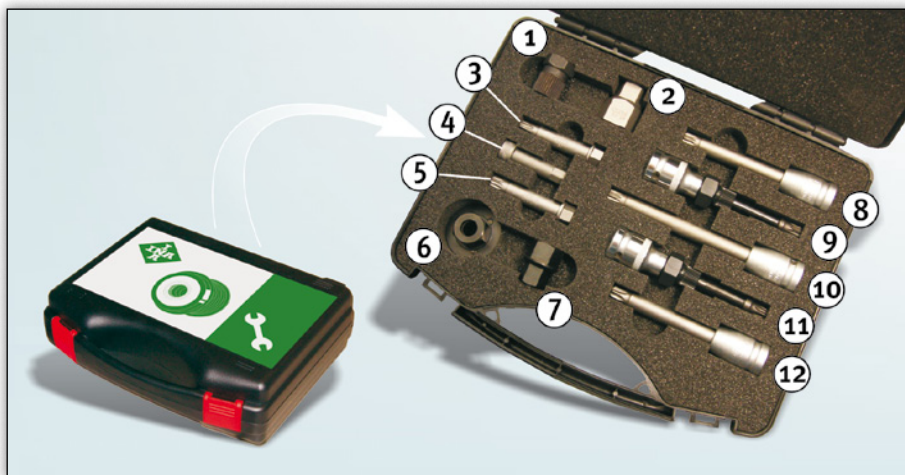
To calm all vibrations, the alternator shaft in a modern engine is equipped with OAPs (overrunning alternator pulleys) or OADs (overrunning alternator decouplers) rather than rigid belt pulleys.

INA has manufactured over 120 million OAPs (one in every five vehicles), making it the global market leader in the production of original equipment. Furthermore, INA offers a wide range of OAPs and OADs on the spare parts market.

In keeping with its role as the principal supplier, Schaeffler Automotive Aftermarket offers a twelve-part tool box (item no. 400 0241 10) that supplies the necessary tools for correctly replacing all models of OAP and OAD currently on the market.

### Key to image 1:

- (1) Multipoint adapter, 17 x 20 with 33 teeth, spanner size 21 mm
- (2) Hexagonal adapter, spanner size 21/28 mm
- (3) Torx bit with TX50 hexagonal shank, spanner size 12 mm, 53 mm long



**Image 1:** Overview of the contents of the tool box 400 0241 10 for fitting OAPs/OADs

- (4) Hexagon bit with hexagon socket shank, spanner size 10 mm, 40 mm long
- (5) Multipoint bit with hexagonal shank, XZN M10, spanner size 12 mm, 53 mm long
- (6) Adapter with 3 pins, spanner size 21 mm
- (7) Hexagonal adapter, spanner size 17/21 mm
- (8) Multipoint bit with 1/2-inch shank, XZN M10, 73 mm long
- (9) Multipoint bit with 12 x 14 multipoint adapter (31 teeth, spanner size 21 mm) and 1/2-inch shank, XZN M10, 75 mm long
- (10) Multipoint bit with 1/2-inch shank, XZN M10, 103 mm long
- (11) Torx bit with 12 x 14 multipoint adapter (31 teeth, spanner size 21 mm) and 1/2-inch shank, TX50, 75 mm long
- (12) Torx bit with 1/2-inch shank, TX50, 73 mm long



**Image 2:** The inside of the OAP/OAD is protected by a cap



Note the specifications of the vehicle manufacturer!

Appropriate spare parts can be found in our on-line catalogue at [www.Schaeffler-Aftermarket.com](http://www.Schaeffler-Aftermarket.com) or in RepXpert at [www.RepXpert.com](http://www.RepXpert.com).

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Technical subject to change

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