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A. Notes on tow-starting and towing of vehicles

Only tow vehicles with the battery connected and the key in steering lock position 2.

As long as the engine is not running, the service brake and power steering system are not assisted by the hydraulic pump. In this case considerably more force is required for braking and steering.

00-9000 Towing of vehicle

B. Vehicles with ASR

There are no restrictions in respect of ASR vehicles when towing on both axles.

Only tow with the front axle raised when the ignition is switched off (ignition/starter switch in position 1).

C. Towing vehicle with automatic transmission

Beginning in 1991 the secondary pump was deleted on all automatic transmissions. Without danger of damaging the transmission, these vehicles can be towed with the selector lever in position "N" and with a towing speed of up to 50 km/h only for a maximum distance of 50 km. On vehicles with automatic transmission and secondary pump the maximum towing speed is 50 km/h for a distance of 120 km maximum.

Over longer distances, with vehicles damaged in an accident or with damaged transmission, towing is only possible with the rear axle raised off the ground or with the drive shaft (at the rear axle) disconnected.

The best solution is transportation on a special car transporter or trailer. If in doubt, this is the preferred method.

D. Emergency starting of engine (tow-starting) with automatic transmission

Phased in from 1991 the secondary pump is deleted on all automatic transmissions. These vehicles can no longer be tow-started.

On vehicles with automatic transmission and secondary pump, place selector lever in position "N". Turn key in steering lock into position 2 and allow the vehicle to be towed. On diesel vehicles with idle speed adjuster, first turn the latter counterclockwise against the stop; on vehicles with Stromberg carburetor, briefly turn the key into starting position and with cold engine in all carburetor engines, fully depress the accelerator once.

After reaching a speed of 30 km/h with cold transmission or 50 km/h with warm transmission, engage selector lever in position "2" (or "L" or "S") for starting the engine. Only touch the accelerator pedal when the engine is turning.

By contrast on turbo diesel engines fully depress the accelerator pedal and release after the engine has started. Place selector lever immediately back into "N" when the engine has started.

Since preheating commences on diesel engines in steering lock position 2 and is not immediately interrupted when the engine starts to fire by tow-starting, it is important that the engine runs for at least 1 minute at idle speed before driving away. This period is adequate to terminate the preheating process automatically.

If the engine has not started after several seconds, put selector lever from "2" into "N" position, otherwise the transmission may be damaged.

For another attempt at starting, tow the vehicle again for some time in selector lever position "N", repeat starting process.

Emergency starting of the engine by allowing it to roll downhill takes place in the same way.

E. Starting aid with external battery

If the battery is discharged, the engine can be started with jump leads (at least 25 mm² cross section) and the battery (12 volts) of another vehicle. In this case proceed as follows:

- Turn key in steering lock to position 0.
- Allow engine of the vehicle with the starting battery to run at increased speed.
- First connect the positive poles and then the negative poles with the starting aid cables.

- Start engine as usual.
- When the engine is running, first disconnect the starting aid cable from the negative poles, then from the positive poles.

Note

A discharged battery may freeze at approx. -10°C. It is absolutely essential to defrost the discharged battery before starting with the starting aid battery.

Do not bend over the batteries while charging, risk of acid burns.

00-9000 Towing of vehicle

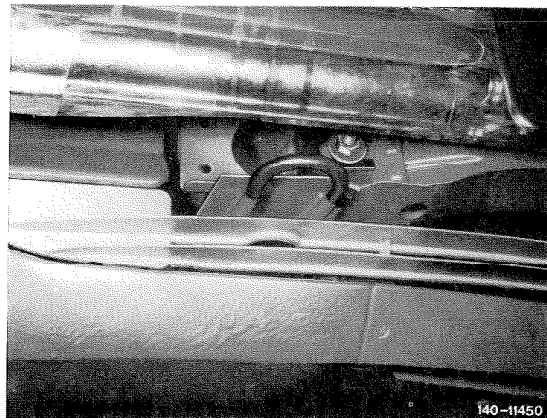
F. Tow-starting or starting aid on vehicles with catalytic converter

Tow-starting or the starting aid with an external battery can be performed when the engine is cold and the catalytic converter system has cooled down. However, repeated attempts at starting should be avoided. To protect the catalytic converter system when the engine is warm, if it does not start **immediately**, no further attempts must be made.

G. Tow hooks

Lugs are provided at the front and rear of the vehicle for towing.

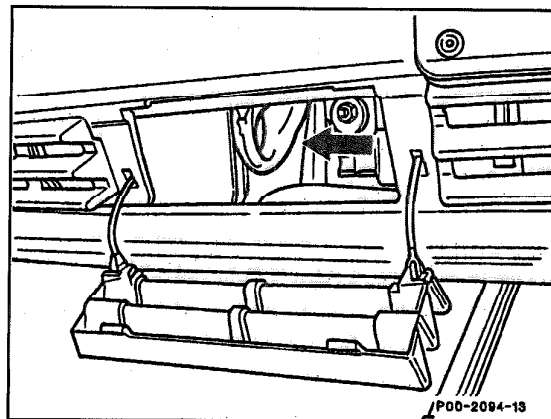
Front towing lug e.g. model 123



140-11450

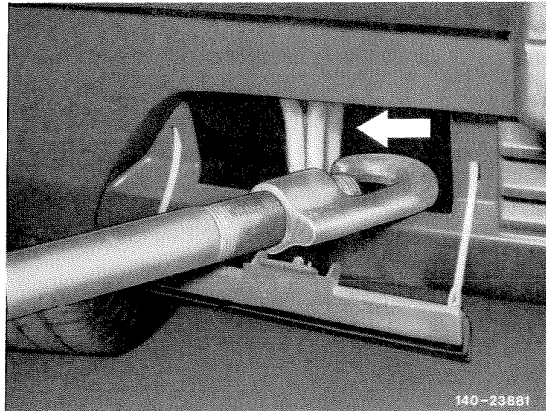
On models 124, 126, 129, 140 and 201, the front towing eye is located behind a flap on the right-hand side of the front spoiler or bumper molding.

e.g. model 140



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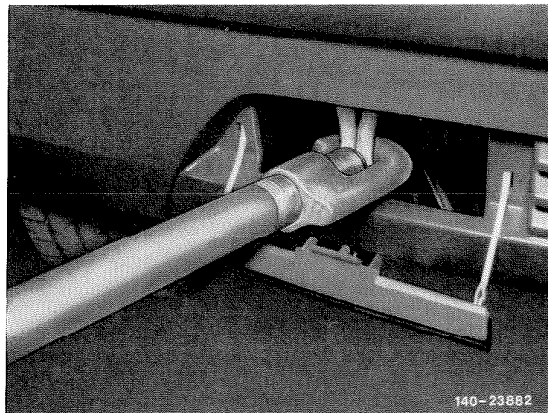
When towing with a tow bar, enter the hook from the center of the vehicle.



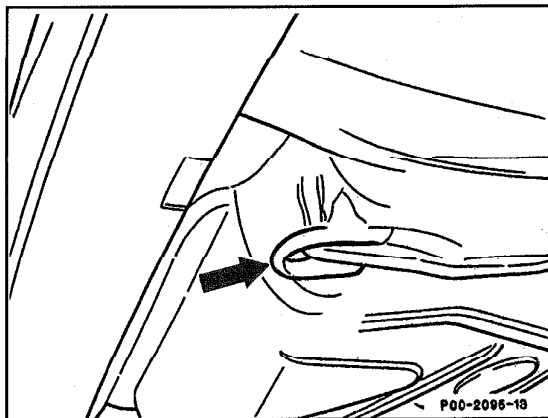
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In the connected state, the closed end of the hook should point towards the center of the vehicle.

⚠ CAUTION!
If the tow bar is connected incorrectly, the mobility of the bar is inadequate on the right-hand side so that the front spoiler may be damaged!



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Rear towing eye, e.g. model 140

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