



GLOW PLUG THREAD REPAIR KITS

Manual

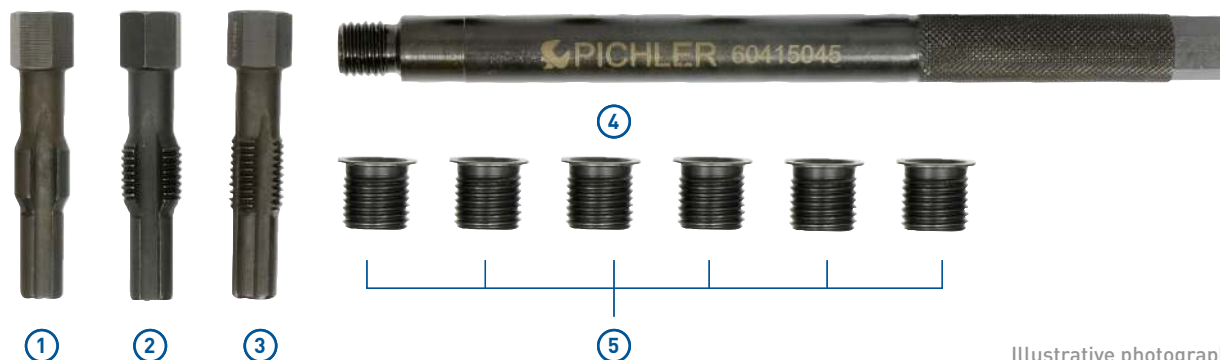
60421000 / 60421250 / 60421110 / 60415000 / 60419000



PICHLER
tools since 1978.

GLOW PLUG THREAD REPAIR KITS

For repairing damaged or renewing destroyed glow plug threads. In case of slight damage the thread is recut using the Rethreading Tap (3). The Reamer (1) is used for removing the destroyed plug hole threads and to prepare the hole for cutting the thread (with the Tap (2)). Finally, the threaded insert (5) is inserted with the Installation Tool (4).



Illustrative photograph

No.	Description	60421000 M 8 x 1	60421250 M 9 x 1	60421110 M 10 x 1	60415000 M 10 x 1,25	60419000 M 12 x 1,25
①	Reamer	60421010	60421251	60417010	60415010	60419600
②	Tap	6041874 	6041632 Adapter	60417020	60415020	60419500
③	Rethreading Tap	6041634 	60421253	60417030	60415030	not included
④	Threaded Insert Installation Tool	6042106 	60421254	6041704	60415045	not included
⑤	Threaded Bushes	11 mm lg. 8 pc	10 mm lg. 5 pc	12 & 19 mm lg. 10 pc	17 mm lg. 5 pc	12 mm lg. 8 pc
	Suited for	Aluminium cylinder heads e.g. MB CDi, or similar R - Renault, e.g. Clio, Kangoo with Motor 1.9L F8Q630 or similar	All aluminium cylinder heads e.g. Alfa Romeo, Lancia, Fiat and Opel 1,9 LJTD, Z19DT or Z19DTH	Aluminium cylinder heads e.g. MB CDi, or similar	Aluminium cylinder heads e.g. Opel CR-Motor	e.g. MB, Audi, Nis- san

THREADED BUSHES



ATTENTION
Special caution



SAFETY GOGGLES
Wearing safety goggles
necessary



LIGHT BULB
Hint or recommenda-
tion

1.

Turn the crankshaft so that the piston, of the cylinder with the defective glow plug thread, is just beyond TDC. Turn the engine to a point where the tap will not damage the cylinder or piston. This way any contamination of the cylinder can be avoided.

2.

Coat the reamer ① with grease and place it in the glow plug hole. By screwing in the Reamer the remaining thread is removed and the hole is reamed to the required diameter. The grease will bind the swarf to the Reamer

3.

Coat the tap ② with grease and install vertically in the glow plug hole and cut a thread in the glow plug hole. A steady torque is to be applied with a moderate strength. Screw the tap in as far as possible.



4.

Removed the tap ② and clean the hole from inside out e.g. with compressed air.



5.

Select the right threaded insert ⑤ very carefully: the length of the threaded insert depends on the length of the thread in the glow plug hole.

6.

Screw the threaded insert ⑤ onto the Threaded Insert Installation Tool ④ or a new glow plug. For additional reliability can a suitable thread lock retainer be applied onto the external thread of the insert. The threaded insert must be screwed into the hole to the stop.



7.

Tighten the bush with the necessary torque. The sealing takes place automatically to the original sealing surfaces. The threaded insert stays usable with renewed unscrewing of the glow plug.



pichler.tools



/pichlerwerkzeug



/pichlerwerkzeug



/pichlerwerkzeug

AUSTRIA

✉ at@pichler.tools
☎ +43 512 344 552

GERMANY

✉ de@pichler.tools
☎ +49 8821 686 9780

SWITZERLAND

✉ ch@pichler.tools
☎ +41 61 981 33 55

FRANCE

✉ fr@pichler.tools
☎ +33 3 89 551 596

UK & IRELAND

✉ uk@pichler.tools
☎ +44 1335 360 759

BELGIUM

✉ be@pichler.tools
☎ +32 495 400 810

ITALY

✉ it@pichler.tools
☎ +39 472 970 042

