

SERVICE BULLETIN

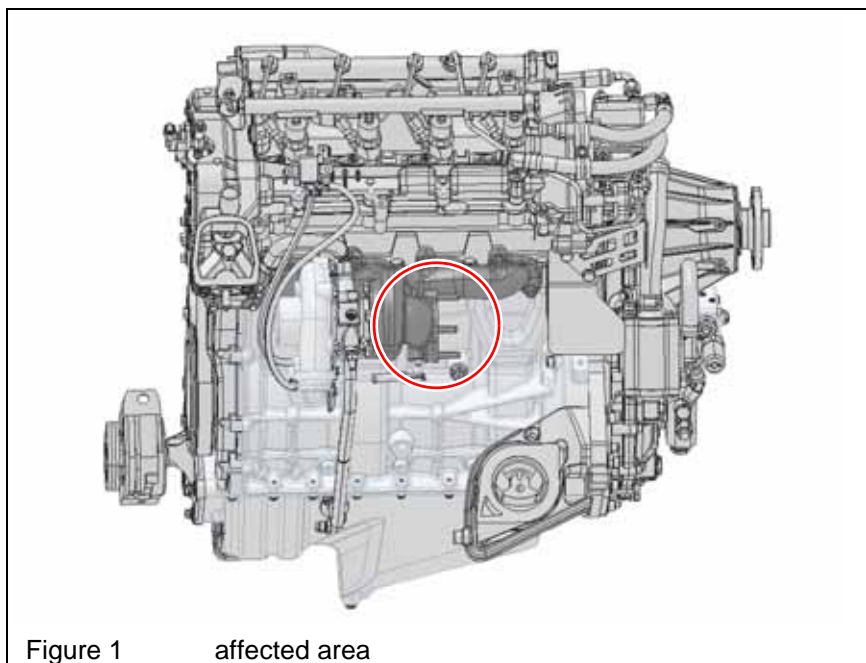
PRIORITY 1 - SAFETY

Service Bulletin No. SB TMG 125-1021 P1, Revision 1
Date: July 26, 2017



Subject: Bushing Wastegate Lever

Type affected: TAE 125-02-99 and TAE 125-02-114

Models affected: TAE 125-02-99 up to Engine S/N 02-02-04154,
except 02-02-04135 to 02-02-04140
TAE 125-02-114 up to Engine S/N 02-02-10398,
except 02-02-10182, 02-02-10184, 02-02-10199, 02-02-10201 and
02-02-10383



Classification: Category P1 – SAFETY

Checked A. Wille, CVE 	Approved D. Hartung, Office of Airworthiness 
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Time of Compliance: Engines up to 300 flight hours:
Measures have to be accomplished with the 400 hours maintenance event.

Engines above 300 flight hours:
Measures have to be accomplished within the next 100 flight hours or with the next maintenance action.

Reason: The bushing may move axially in the integral manifold. This can lead to an incorrect position of the wastegate flap and finally to a loss of power.

Correction: Fix the bushing in accordance with RM-02-02, Chapter 72-40.13, Issue 3, Revision 1 or later approved revisions.

Remarks: -

Parts:

Item	Part Number	Description	Quantity
Repair Set – Standard			
1	VR00624-00-00 01	repair set bush wastegate	1
1.1	VR00624-01-00 01	drilling fixture bush wastegate	1
1.1.1	VR00624-01-0103	angle drilling fixture	1
1.1.2	VR00624-01-0201	hexagon socket set screw	1
1.1.3	NM-0000-0076401	hexagon thin nut ISO 4035 - M6 - 04 - A2J	1
1.1.4	NM-0000-0004801	plain washer ISO 7092 - 8 - 200 HV - A2J	6
1.1.5	NM-0000-0129401	hexagon nut ISO 4032 - M8 - 8 - A2J	2
1.2	NM-0000-0243301	grooved pin ISO8740 - 2,5x120 - St	1
1.3	VW0639	twist drill HSSØ2,50	1
1.4	NM-0000-0003101	exhaust union nut M8-8-SW12-C2E	3
1.5	NM-0000-0141101	split pin ISO 1234-2x32-St-A2J	1
Repair Set – DA42			
1	VR00624-00-0101	repair set bush wastegate	1
1.1	VR00624-02-0001	drilling fixture bush wastegate	1
1.1.1	VR00624-02-0103	angle drilling fixture	1
1.1.2	VR00624-01-0201	hexagon socket set screw	1
1.1.3	NM-0000-0076401	hexagon thin nut ISO 4035 - M6 - 04 - A2J	1
1.1.4	NM-0000-0004801	plain washer ISO 7092 - 8 - 200 HV - A2J	6



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1.1.5	NM-0000-0129401	hexagon nut ISO 4032 - M8 - 8 - A2J	2
1.2	NM-0000-0243301	grooved pin ISO8740 - 2,5x120 - St	1
1.3	VW0639	twist drill HSSØ2,50	1
1.4	NM-0000-0003101	exhaust union nut M8-8-SW12-C2E	3
1.5	NM-0000-0141101	split pin ISO 1234-2x32-St-A2J	1
Tools			
2		Pin Punch 150x2 (e.g. Rennsteig 450 002 150x2)	1
3		Pin Punch 150x4 (e.g. Rennsteig 450 004 150x4)	1

Approval:

The technical information contained in this document has been approved under the authority of EASA Design Organisation Approval No. EASA.21J.010.