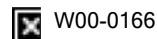


Servicing propshaft Adjusting propshaft

Special tools, testers and other items required



W00-0166

- ◆ Assembly device 3405
- – Heed notes => Page [39-84](#).

Adjustment work is to be performed with extreme care as a poorly adjusted propshaft is often the cause of vibration and humming noise.

- – If fitted, detach cross member beneath exhaust system.
- – Remove rear section of exhaust system as of clamp(s).

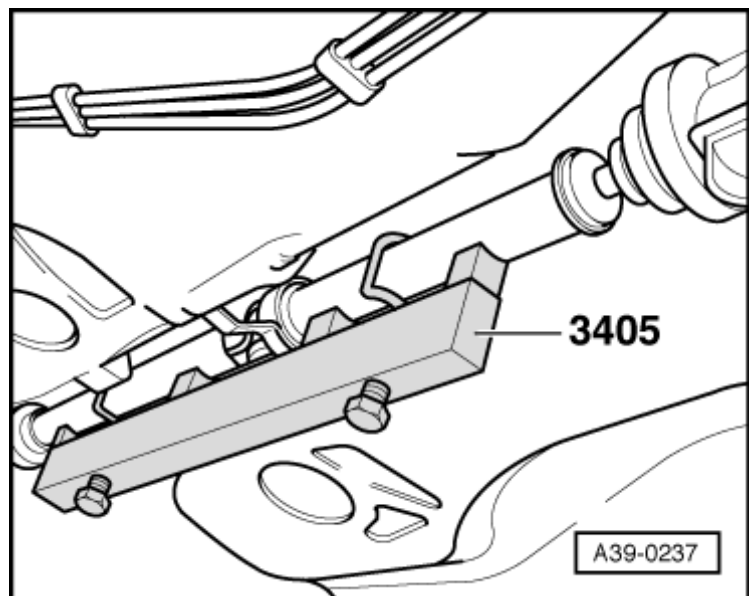
=> [Engine, Mechanics; Repair Group 26; Removing and installing exhaust system components](#)

- – Remove heat shields over propshaft.
- – Slacken off centre bearing bolts slightly.
- – → Engage assembly device 3405 and tighten plastic nuts.

Note:

Never position assembly device on balancing plates.

- – Take out bolts and shims of centre bearing.



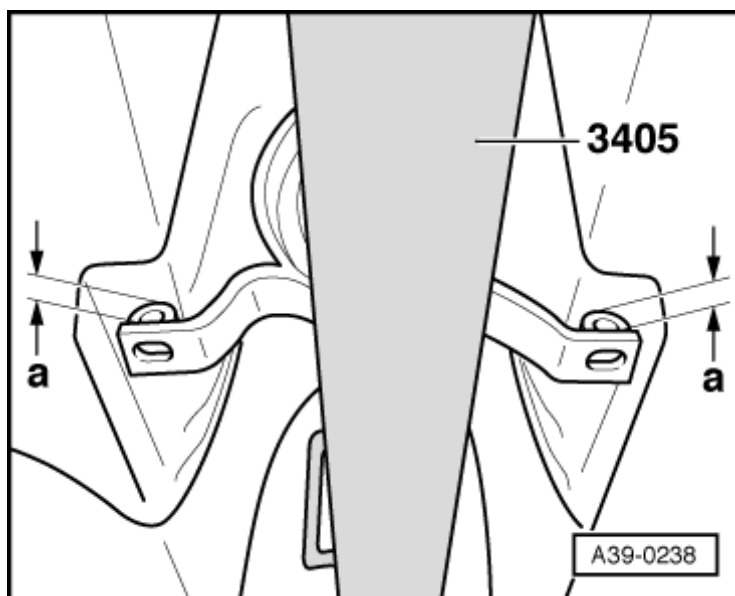
- – → Align centre propshaft bearing such that gap -a- on left is equal to gap -a- on right.
- – Measure gaps -a-.
- – Determine shims as per table.
Part numbers

=> Parts List

Shims available

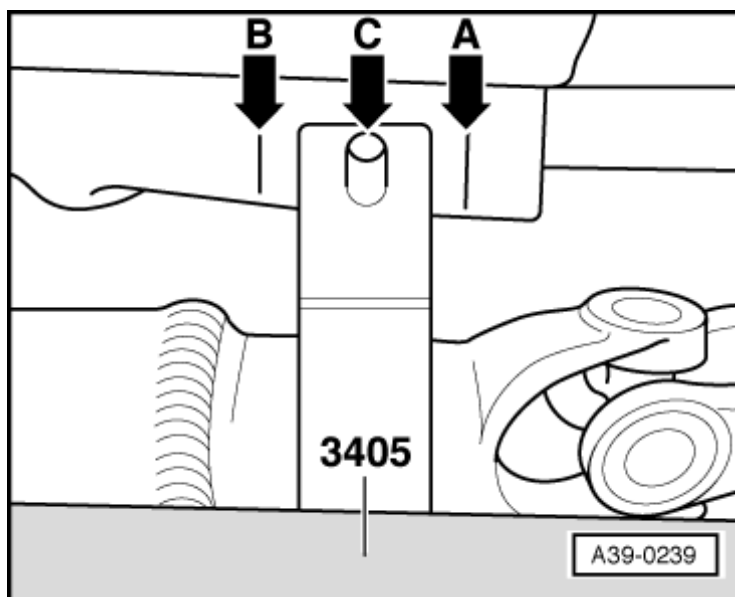
Gap -a- (mm)	Shim thickness (mm)
0 ... 3.0	-
3.1 ... 5.0	2
5.1 ... 7.0	4
7.1 ... 9.0	6
9.1 ... 11.0	8
11.1 ... 13.0	10

- Fit shims determined on left and right.



Propshaft axial alignment

- → Slide propshaft with assembly device to rear as far as it will go.
- Mark position of centre bearing on body -arrow A-.
- Then slide propshaft with assembly device forwards as far as it will go.
- Mark position of centre bearing on body -arrow B-.
- Align propshaft -arrow C-:
 - o - Centre bearing must be centred between marks -A- and -B-
- Fit bolts of centre propshaft bearing and previously determined shims and tighten.
- Detach assembly device.
- Fit heat shield over propshaft.



Perform further installation in reverse order, paying attention to the following:

- Perform stress-free alignment of exhaust system.

=> [Engine, Mechanics; Repair Group 26; Removing and installing exhaust system components](#)

Tightening torques

Component	Nm
Centre propshaft bearing to	

body	23
Cross member to body	25
Nuts for clamp	40