

26 65 19 Removing and installing secondary air pump - as of MY 2005

- [Preliminary work](#)
- [Removing secondary air pump](#)
- [Installing secondary air pump](#)
- [Subsequent work](#)

[top of page](#)

Preliminary work

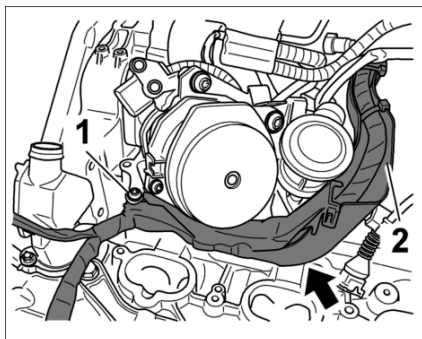
Preliminary work for removing secondary air pump

1. Remove intake distributor, cylinder bank 1-3 [244619 Removing and installing intake distributor - chapter on "removing"](#).
2. Pull off cable plug from the knock sensor.

[top of page](#)

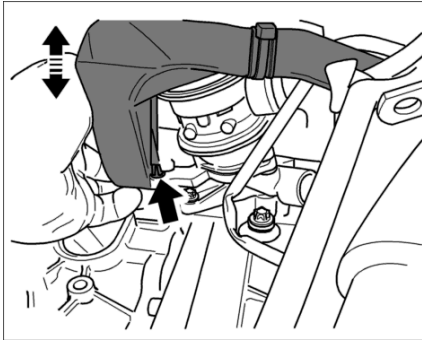
Removing secondary air pump

Removing secondary air pump



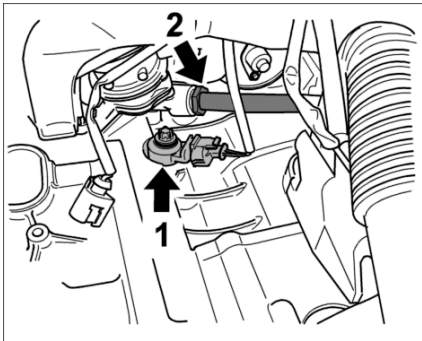
Wiring harness for secondary air pump

1. Remove cable duct from the secondary air pump **-2-**. To do this, remove a fastening screw behind the secondary air pump **-1-**.



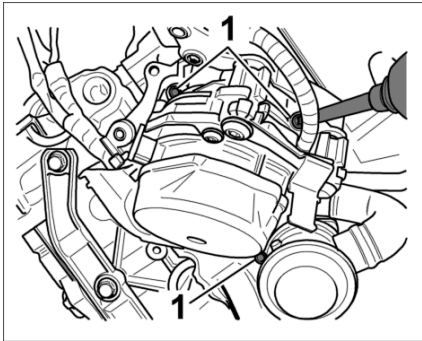
Cable duct for secondary air pump

2. Pull off and release front fastening of cable duct **-arrows-** .
3. Detach cable plug from secondary air pump.



Knock sensor and secondary air pump

4. Remove cable plug from knock sensor **-1-** . Unscrew union nut of pressure line (a/f 22) **-2-** .



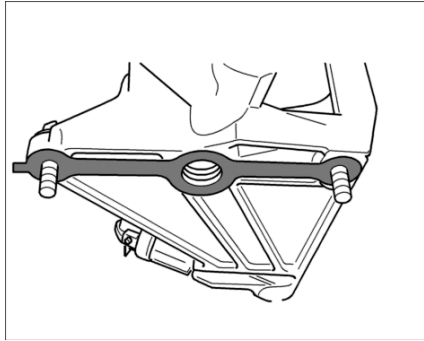
Secondary air pump with bracket

5. Remove fastening screws from the secondary air pump **-1-** .
6. Remove secondary air pump from crankcase and replace seal. Clean sealing surfaces and plug the opening with a cloth.

[top of page](#)

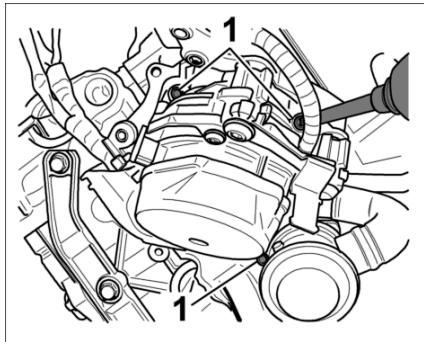
Installing secondary air pump

Installing secondary air pump



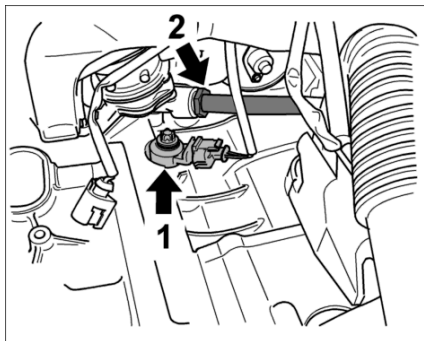
Secondary air pump seal

1. Replace seal between secondary air pump and crankcase, clean the surfaces and turn the seal to fit exactly on two pre-fitted fastening screws Secondary air pump seal .



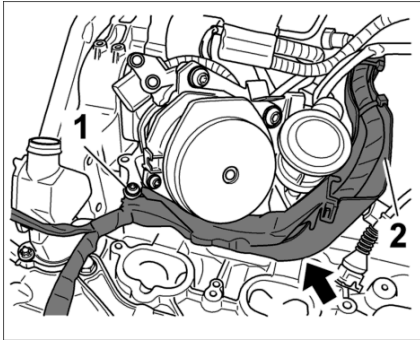
Secondary air pump with bracket

2. Place the secondary air pump with the prefitted screws and the seal in the installation position. Carefully insert the pressure line in the secondary air pump. Position the three fastening screws and tighten them. **Tightening torque: 7.5 ftlb.** . Position and tighten pressure line union nut -2- .



Knock sensor and secondary air pump

3. Connect cable plug to knock sensor -1- .



Wiring harness for secondary air pump

4. Fit cable plug and cable duct Wiring harness for secondary air pump **Tightening torque: 7.5 ftlb. .**
- 5.

[top of page](#)

Subsequent work

Work subsequent to installing secondary air pump

1. Install intake distributor, cylinder bank 1-3 244619 Removing and installing intake distributor - chapter on "installing".

997110, 997111, 997120, 997121, 997310, 997311, 997320, 997321, 997410, 997411, 997430, 997431, 997610, 997611, 997620, 997621

as of MY 2005

Country C00, C02, C05, C07, C08, C09, C10, C11, C12, C13, C14, C15, C16, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C32, C33, C34, C35, C36, C37, C38, C39, C45, C46, C98, C99



WARNUNG

Gefahr des Verlusts der Text-Bild-Zuordnung beim Ausdruck.

- **Aus technischen Gründen kann derzeit nicht ausgeschlossen werden, dass trotz einwandfreier Darstellung auf dem Bildschirm beim Ausdruck der Zusammenhang von Text und zugehörigem Bild verloren geht.**
- **Wird der Fehler nicht bemerkt, besteht die Gefahr, daß Arbeiten nicht korrekt durchgeführt werden und es dadurch zu Personen- und Sachschäden kommt.**

Vergleichen Sie deshalb nach dem Druckvorgang unbedingt die Ausdrücke mit der Bildschirmdarstellung. Korrigieren Sie die Ausdrücke im Fehlerfall so, daß der Inhalt der Bildschirmdarstellung zutreffend wiedergegeben wird.



WARNUNG

Danger of losing text-figure correspondence when printing out.

- **For technical reasons, it can currently not be ruled out that the correspondence between text and associated figure can be lost when it is printed out, even though the display on the screen is correct.**
- **If the fault is not noticed, there is the danger that work will not be performed correctly which can cause injury and damage.**

Therefore, always compare printouts with the screen display after printing them out. Correct the printouts if they are faulty so that the content of the screen display matches that on the printouts.



AVERTISSEMENT

Risque de perte de la correspondance texte-illustration lors de l'impression papier.

- **Pour des raisons techniques, il ne peut pas être exclu à l'heure actuelle que, même en cas d'affichage correct à l'écran, la correspondance entre le texte et l'illustration puisse être erronée sur l'impression papier.**
- **Si l'erreur passe inaperçue, on court le risque d'exécuter certaines opérations de manière incorrecte pouvant conduire à des dommages corporels et matériels.**

Comparez impérativement pour cette raison les impressions papier avec l'affichage à l'écran. Corrigez-les en cas d'erreur de manière à reproduire correctement l'affichage à l'écran.



ATTENZIONE

Pericolo di perdita dell'abbinamento testo-immagine nella stampa.

- **Per motivi tecnici non è escluso che, nonostante la rappresentazione sullo schermo risulti perfetta, durante la stampa venga persa la corrispondenza fra testo e relativa immagine.**
- **Se tale difetto non viene rilevato vi è il pericolo che i lavori non siano eseguiti correttamente; ciò può avere come conseguenza lesioni e danneggiamenti.**

Per questo motivo, dopo la stampa è assolutamente necessario confrontare le stampe con la rappresentazione sullo schermo. In caso di errore si prega di correggere le stampe, così da garantire la riproduzione esatta della rappresentazione sullo schermo.



ADVERTENCIA

Al imprimir se corre el riesgo de perder la correcta asignación de las figuras al texto.

- **Por motivos técnicos, por el momento no se puede descartar que, aun siendo correcta la imagen que aparece en la pantalla, al imprimir se pierda la correlación entre el texto y la figura correspondiente.**
- **Si este error pasara desapercibido, existe el riesgo de que los trabajos no se ejecuten de forma correcta y, por tanto, se produzcan daños personales y materiales.**

Diagnostic system: reading out fault memory and activating systems

Por ello le rogamos que tras el proceso de impresión compare siempre las copias impresas con la imagen de la pantalla. En caso de error, corrija las copias impresas de forma que se correspondan con el contenido de la imagen de la pantalla.