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# Opel

Select the model:

Model Astra VDO

Model Astra TRW

Model Frontera VDO

Model Frontera TRW

Model Vectra VDO before 3/1999

Model Vectra VDO after 3/1999

Model Vectra TRW

Model Zafira VDO

Model Zafira TRW

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## **Model Astra VDO**

Diagnostic programming

Use the OBD II - Plug:



The diagnostic port is under the handbreak.

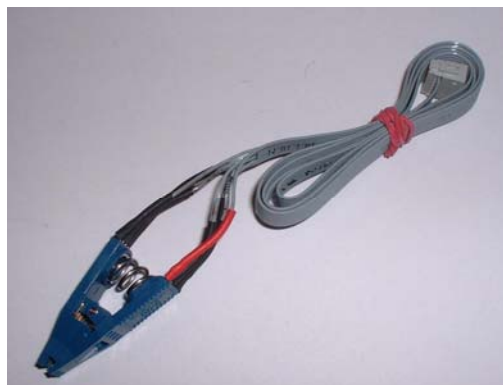
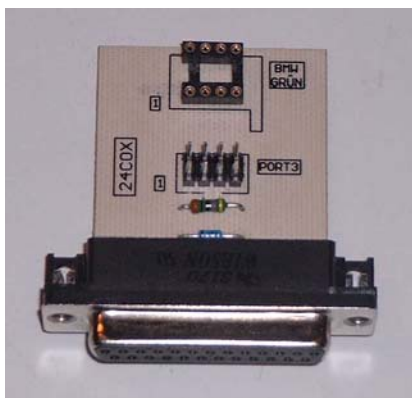
- Turn ignition on.
- Connect the Tacho Universal with the OBD II plug and the diagnostic port.
- Select the menu **Opel-Astra-Diagnosis VDO**
- The Tacho Universal does not show you the old value.
- Enter the new value.
- Verify the new value with **OK**.

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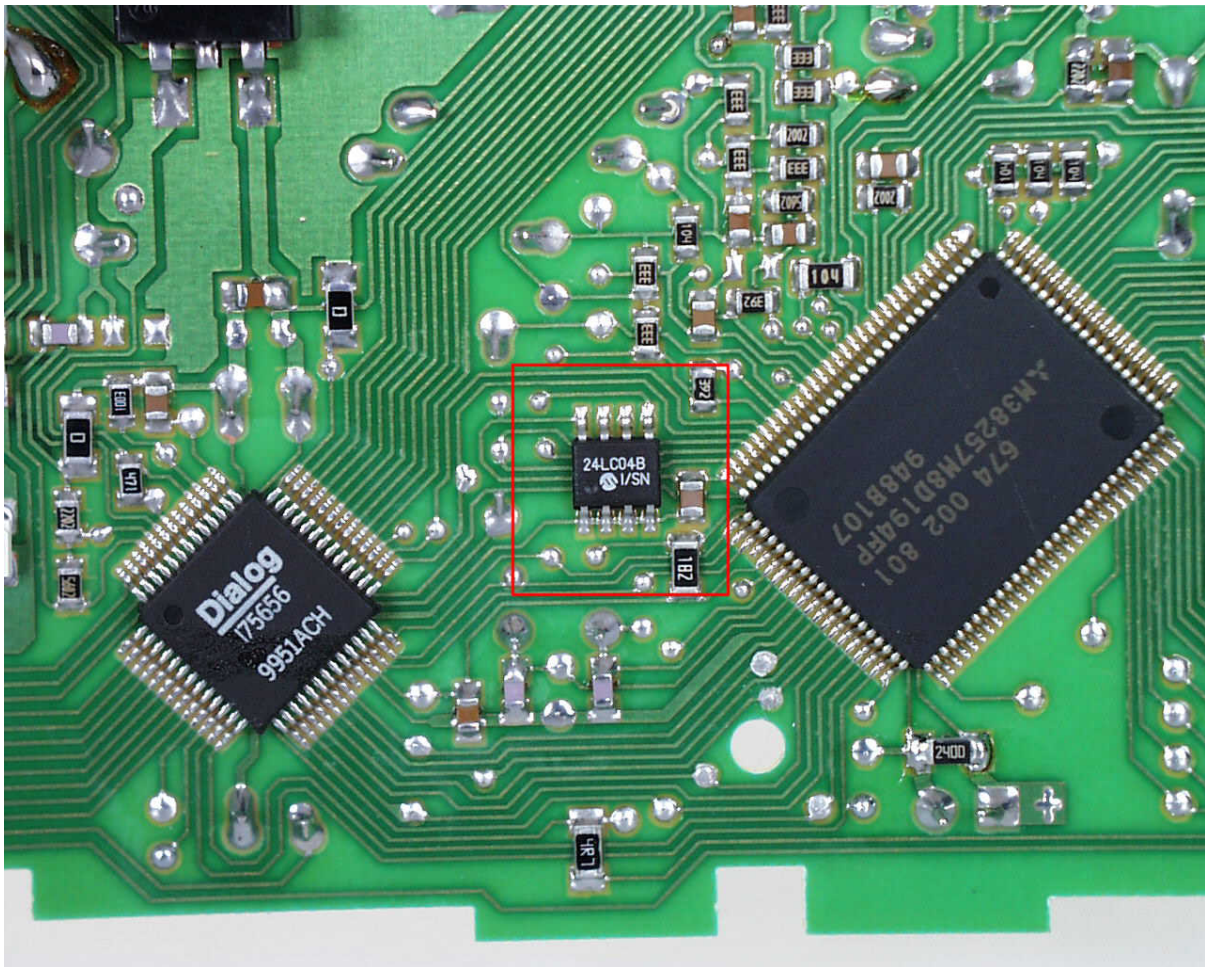
## Model Astra TRW



Use this board and clip:



- Remove the cluster and open it.
- Look for the 8 pin chip 24C02 or 24C04.
- Look for the silver chrystal and join its contacts.
- Connect the clip to port 3 .
- Put the clip on the chip (red on pin 1).
- Select the menu **Opel-Astra-Clip TRW**
- The Tacho Universal shows you the old value.
- Select the menu **Adjust KM.**
- Enter the new value.
- Verify the new value with **OK.**



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## **Model Frontera VDO**

Diagnostic programming

Use the OBD II - Plug:



The diagnostic port is ??????

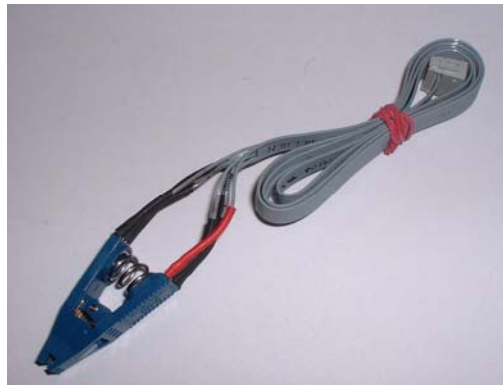
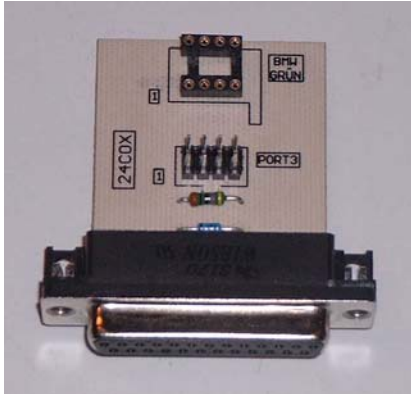
- Turn ignition on.
- Connect the Tacho Universal with the OBD II plug and the diagnostic port.
- Select the menu **Opel-Frontera-Diagnosis VDO**
- The Tacho Universal does not show you the old value.
- Enter the new value.
- Verify the new value with **OK**.



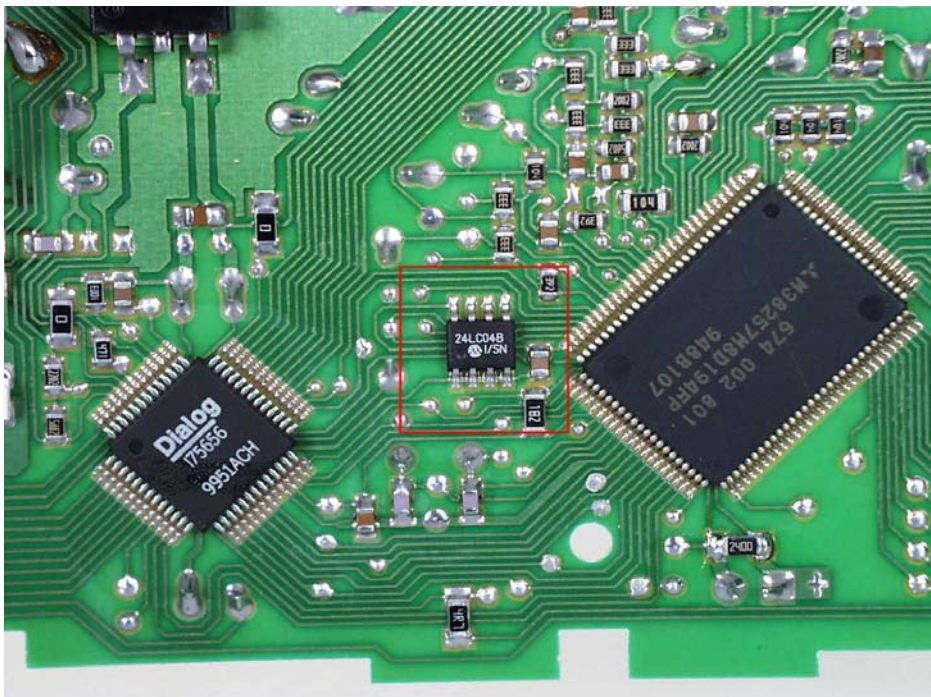
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## Model Frontera TRW

Use this board and clip:



- Remove the cluster and open it.
- Look for the 8 pin chip 24C02 or 24C04.
- Look for the silver chrystal and join its contacts.
- Connect the clip to port 3.
- Put the clip on the chip (red on pin 1).
- Select the menu **Opel-Frontera-Clip TRW**
- The Tacho Universal shows you the old value.
- Select the menu Adjust KM.
- Enter the new value.
- Verify the new value with OK.



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## **Model Vectra VDO before 3/1999**

Diagnostic programming

Use the OBD II - Plug:



The diagnostic port is under the handbrake.

- Turn ignition on.
- Connect the Tacho Universal with the OBD II plug and the diagnostic port.
- Select the menu **Opel-Vectra-Diagnosis –3/99**
- The Tacho Universal does not show you the old value.
- Enter the new value.
- Verify the new value with **OK**.

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## **Model Vectra VDO after 3/1999**

Diagnostic programming

Use the OBD II - Plug:



The diagnostic port is under the handbrake.

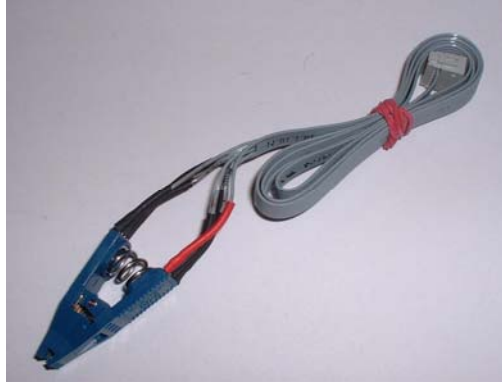
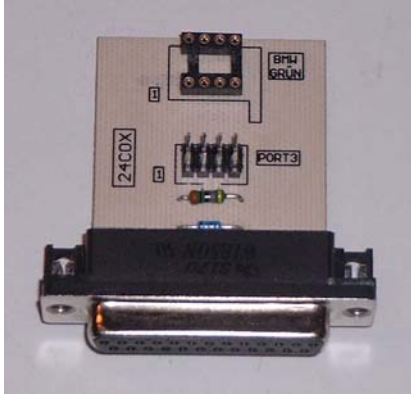
- Turn ignition on.
- Connect the Tacho Universal with the OBD II plug and the diagnostic port.
- Select the menu **Opel-Vectra-Diagnosis 3/99-**
- The Tacho Universal does not show you the old value.
- Enter the new value.
- Verify the new value with **OK**.



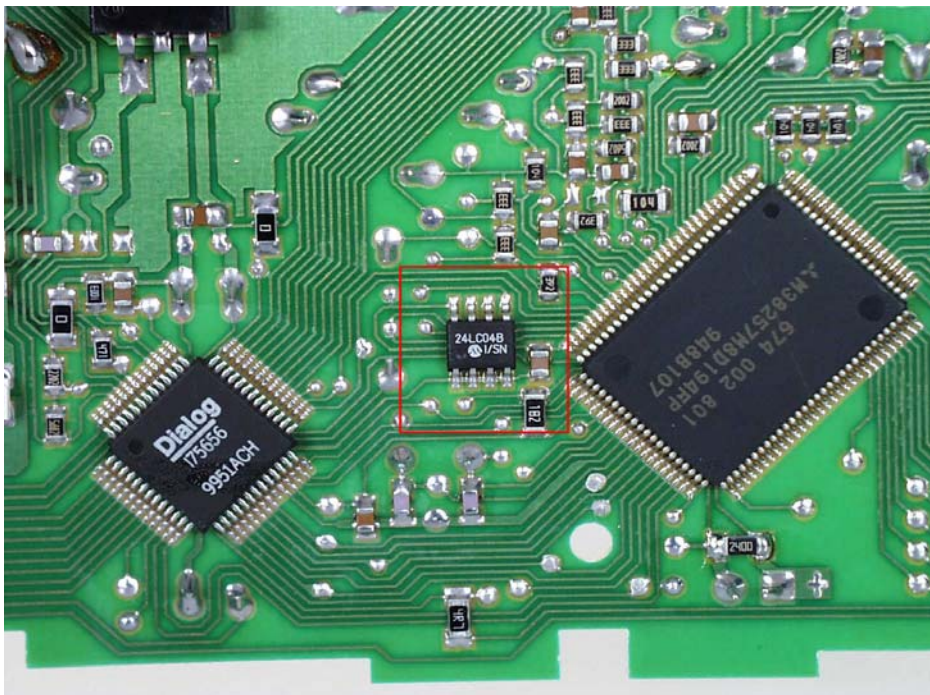
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## Model Vectra TRW

Use this board and clip:



- Remove the cluster and open it.
- Look for the 8 pin chip 24C02 or 24C04.
- Look for the silver chrystal and join its contacts.
- Connect the clip to port 3.
- Put the clip on the chip (red on pin 1).
- Select the menu [Opel-Vectra-Clip TRW](#)
- The Tacho Universal shows you the old value.
- Select the menu [Adjust KM.](#)
- Enter the new value.
- Verify the new value with [OK.](#)



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## **Model Zafira VDO**

Diagnostic programming

Use the OBD II - Plug:



The diagnostic port is under the handbreak.

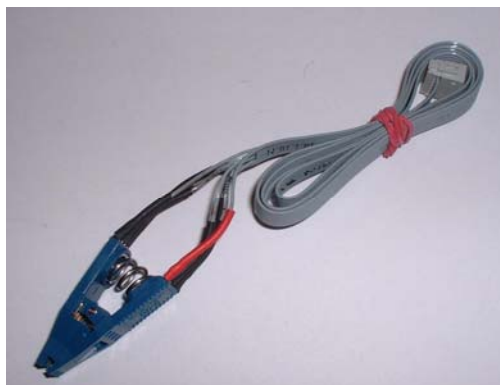
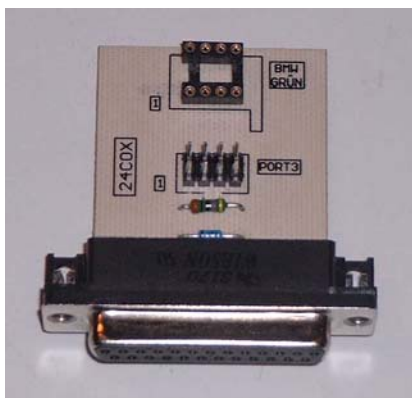
- Turn ignition on.
- Connect the Tacho Universal with the OBD II plug and the diagnostic port.
- Select the menu **Opel-Zafira-Diagnosis VDO**
- The Tacho Universal does not show you the old value.
- Enter the new value.
- Verify the new value with **OK**.

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## Model Zafira TRW



Use this board and clip:



- Remove the cluster and open it.
- Look for the 8 pin chip 24C02 or 24C04.
- Look for the silver chrystal and join its contacts.
- Connect the clip to port 3.
- Put the clip on the chip (red on pin 1).
- Select the menu **Opel-Zafira-Clip TRW**
- The Tacho Universal shows you the old value.
- Select the menu **Adjust KM.**
- Enter the new value.
- Verify the new value with **OK.**



