



EMEA
Quality - Product Liability

P. 580/14

Turin, 26 June 2014

Messrs. **FIAT GROUP Automobiles FOREIGN
BRANCHES/ITALY MARKET**
Att. **Technical Service Managers**

Att. **Importers**
Eng. Bertolusso



CAMPAIGN 5832- Service Campaign
Fiat Bravo Van, Doblò Cargo, Ducato 1.6 and 2.0 MultiJet models.
- brake servo vacuum unit



On 2 Bravo Van vehicles, 79 Doblò Cargo vehicles and 132 Ducato vehicles with 1.6 and 2.0 MultiJet engines, whose chassis numbers are listed in the table:

MODELS	From chassis	To chassis
Fiat Bravo Van	4382739	4383692
Fiat Doblò Cargo	6162495	6168077
Fiat Ducato	2636458	2653094



due to a possible brake servo vacuum unit production process drift (outsourced manufacturing), in some cases oil leaks might occur from the same vacuum unit.



Therefore, it is compulsory to make a pre-delivery intervention on vehicles still in stock. For vehicles which have already been delivered, customers must be contacted by the attached letter (Annex 1) and the cycle described in the attachment (Annex 2) must be implemented to upgrade all vehicles.



Sincerely yours

A. Milizia



Annexes

Turin, June 2014

DRAFT LETTER

SERVICE CAMPAIGN 5832

**Fiat Bravo Van / Fiat Doblò Cargo / Fiat Ducato models, with 1.6 / 2.0 MultiJet engines.
- brake servo vacuum unit**

Dear Customer,

We inform you that on a limited number of Fiat Bravo Van / Fiat Doblò Cargo / Fiat Ducato vehicles with 1.6 MultiJet / 2.0 MultiJet engine, including yours, due to a possible brake servo vacuum unit production process drift (outsourced manufacturing), in some cases oil leaks might occur from the same vacuum unit.

We would therefore be grateful if you could take your vehicle back to the Dealership you bought it from or, if more convenient, to any other authorised Fiat Dealership, showing them this letter.

The upgrade will be carried out as quickly as possible and free of charge for you.

For your convenience, you can book this intervention by phone, by directly contacting your preferred Dealership or any other workshop in the Fiat Authorised Service Network.

For any clarification or assistance, contact our freephone number

If you have already sold or transferred your vehicle, we ask you to tell us the name and address of the new owner or user, using the enclosed stamped and pre-printed card, along with any information which could make our research of the possible owner or user easier.

We thank you for your kind cooperation and apologise for any inconvenience caused. In the meanwhile, we send you our most sincere regards.

Fiat Bravo Van/Fiat Doblò Cargo/Fiat Ducato vehicle

chassis.....

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CAMPAIGN

Service Campaign

5832



COMPONENT:	Vacuum unit		
FAULT:	Possible oil leak		
VERSION:	Bravo Van 1.6 and 2.0 MJet; Doblò Cargo(263) 1.6 and 2.0 MJet; Ducato 250 2.0 JTD; Ducato 290 2.0 JTD.		
CONCERNED VEHICLES:	All vehicles with chassis number listed in SIGI.		
TECHNICAL CAUSE:	Production process		
RELEASE NO.:	0		
MATERIAL:	Description:	Part No.:	Qty:
	-	-	-
SPECIAL TOOLS:	-		
EPLUS ORDER UPLOADING METHOD:	-		
REMUNERATION:	Cost:	Campaign:	Operation:
MANPOWER AND MATERIAL:	A01	5832	V - (Bravo - Doblò)
	A01	5832	V - (Ducato 250)
	A01	5832	V - (Ducato 290)
	A01	5832	A
	A01	5832	B
	A01	5832	C
	A01	5832	D
MISCELLANEOUS (MAIL, ETC.):	A10	5832	-
INTERVENTIONS DURING PRODUCTION	-		
NETWORK INTERVENTION IDENTIFICATION:	-		

It is compulsory to make a pre-delivery intervention on vehicles still in stock. For vehicles which have already been delivered, customers must be contacted by letter to upgrade all vehicles.

OPERATING CYCLE

With reference to the Service Manual, proceed as follows.

Cycle V - Conformity check valid for: Bravo Van 1.6 and 2.0 MJet models Doblò Cargo 1.6 and 2.0 MJet models

- Remove the sound-proof cover, with reference to Op. 1016A10.
- Check conformity of the vacuum unit: the acronym (D), on the plate (T), is structured as follows: **14T** = year 2014 and the day of manufacturing, number 101 (as in the example in the figure) corresponds to the 101st day of the year, that is 11 April.

If the number related to the day of manufacturing is:

- lower or equal to **99**;
- equal or higher than **137**;

the vacuum unit is compliant = **OK**,
no intervention is required.

If the number related to the day of manufacturing is:

- comprised between: **100** and **136**
the vacuum unit is NOT compliant = **KO**, replace it as described below.



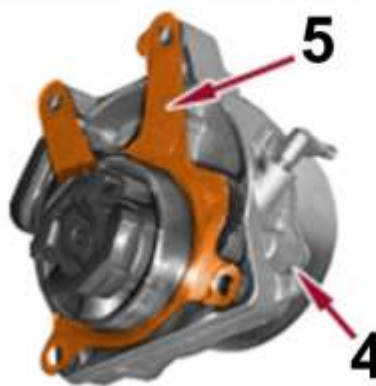
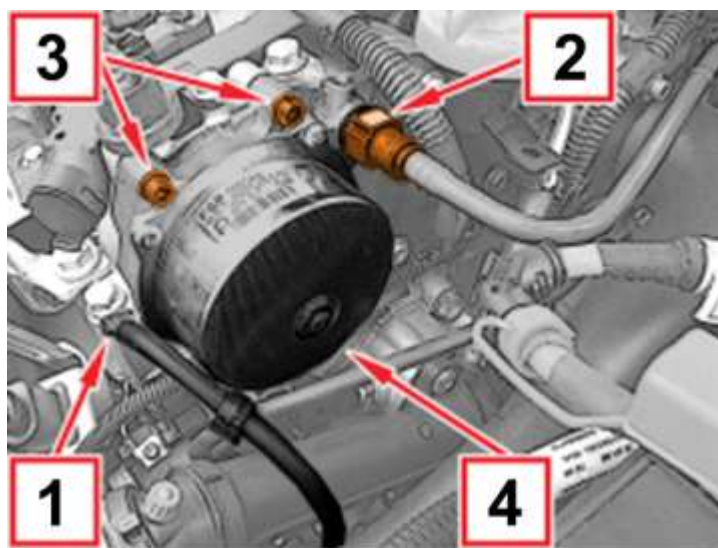
Cycle A - Applies to models: Bravo Van 1.6 and 2.0 MJet models;

Operating as described in Op. 3330D30:

- Release the reservoir vacuum pipe (1) from the mounting clip and disconnect it from the vacuum unit.
- Disconnect the quick coupling (2) for the brake servo vacuum pipe from the vacuum unit.
- Loosen the screws (3) and remove the vacuum unit (4).

Take from the Spare Parts Dpt.:

- a new vacuum unit;
- a new seal;
- four new fastening screws.
- Fit the new vacuum unit (4) complete with the new seal (5) in its housing.
- Tighten the new fastening screws at a torque of $0.4 \div 0.6 \text{ daNm} + 50^\circ \pm 2^\circ$.
- Connect the quick coupling (2) for the brake servo vacuum pipe to the vacuum unit.
- Connect the reservoir vacuum pipe (1) to the vacuum unit.



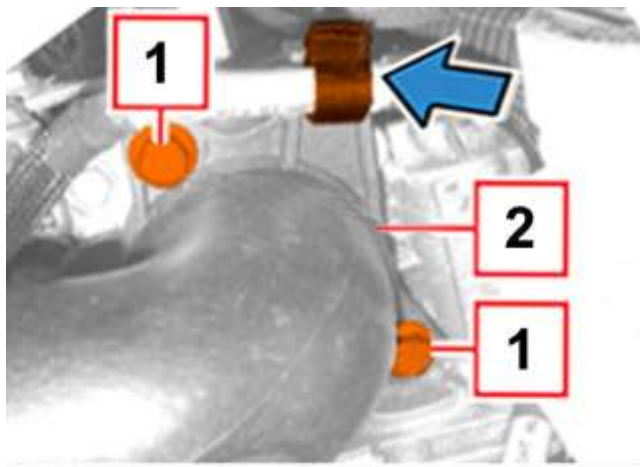
- Re-install the sound-proof cover, with reference to Op. 1016A10.

Cycle B - Applies to Doblò Cargo 1.6 and 2.0 MJet models

- Remove the battery, with reference to Op. 5530B10.
- Remove the battery drip tray, with reference to Op. 5530B52.

Operating as described in Op. 3330D30:

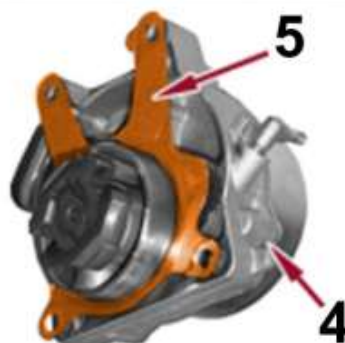
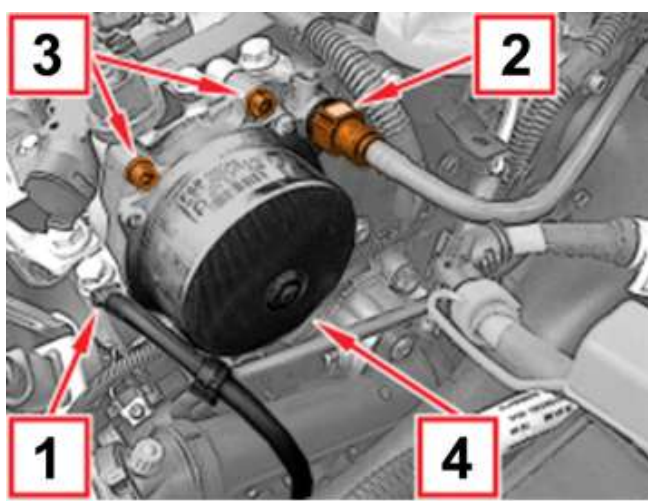
- Open the indicated retaining clip and loosen the screws (1) fixing the air inlet pipe (2) to the throttle body.
- Loosen the screw fastening the pipe to the gearbox and release the mounting clips.
- Disconnect and move the pipe (2) aside to clear the working area, and remove the O-ring (S).



- Disconnect the reservoir vacuum pipe (1) from the vacuum unit.
- Disconnect the quick coupling (2) for the brake servo vacuum pipe from the vacuum unit.
- Loosen the screws (3) and remove the vacuum unit (4).

Take from the Spare Parts Dpt.:

- a new vacuum unit;
- a new seal;
- four new screws;
- a seal for the air inlet pipe.
- Fit the new vacuum unit (4) complete with the new seal (5) in its housing.
- Tighten the new fastening screws at a torque of $0.4 \div 0.6 \text{ daNm} + 50^\circ \pm 2^\circ$.
- Connect the quick coupling (2) for the brake servo vacuum pipe to the vacuum unit.
- Connect the reservoir vacuum pipe (1) to the vacuum unit.



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- Fit the new O-ring (S) in its housing on the air inlet pipe.
 - Position the air inlet pipe back in its housing on the throttle body and tighten the fastening screws.
 - Tighten the screw fixing the air inlet pipe to the gearbox and secure the pipes previously released on the mounting clips.
 - Re-install the battery drip tray, with reference to Op. 5530B52.
 - Re-install the battery, with reference to Op. 5530B10.
 - Re-install the sound-proof cover, with reference to Op. 1016A10.
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Cycle V - Conformity check: applies to Ducato 250 2.0 MJet model

Position the vehicle on a lift.

- Remove the battery cover, with reference to Op. 5530B54.
 - Disconnect the negative battery terminal.
 - Remove the sound-proof cover, with reference to Op. 1016A10.
-
- Check conformity of the vacuum unit: the acronym (D), on the plate (T), is structured as follows: **14T** = year 2014 and the day of manufacturing, number 101 (as in the example in the figure) corresponds to the 101st day of the year, that is 11 April

If the number related to the day of manufacturing is:

- lower or equal to **99**;
- equal or higher than **137**;

the vacuum unit is compliant = **OK**, no intervention is required.

- Reinstall the removed components, working in the reverse order of removal.

If the number related to the day of manufacturing is:

- comprised between: **100** and **136**;
- the vacuum unit **is NOT compliant** = **KO**, replace it as described below.
-



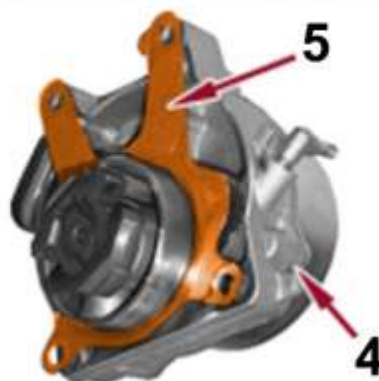
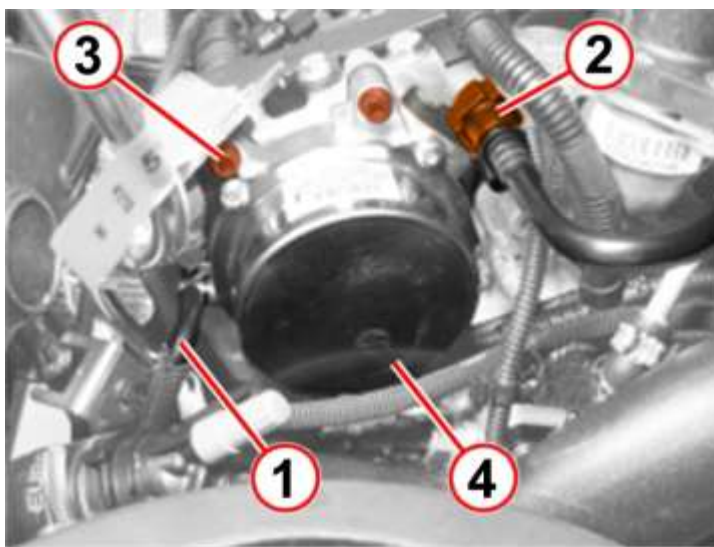
Cycle C - Applies to Ducato 250 2.0 MJet model.

- Remove the air inlet pipe to the throttle body, with reference to Op. 1048B27.
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- Disconnect the reservoir vacuum pipe (1) from the vacuum unit.
- Disconnect the quick coupling (2) for the brake servo vacuum pipe from the vacuum unit.
- Loosen the screws (3) and remove the vacuum unit (4).

Take from the Spare Parts Dpt.:

- a new vacuum unit;
- a new seal;
- four new screws.
- Fit the new vacuum unit (4) complete with the new seal (5) in its housing.
- Tighten the new fastening screws at a torque of $0.4 \div 0.6 \text{ daNm} + 50^\circ \pm 2^\circ$.
- Connect the quick coupling (2) for the brake servo vacuum pipe to the vacuum unit.
- Connect the reservoir vacuum pipe (1) to the vacuum unit.



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- Re-install the air inlet pipe to the body in its housing, with reference to Op. 1048B27.
 - Re-install the removed components, working in the reverse order of removal.
 - Reconnect the negative battery terminal.
 - Re-install the battery cover, with reference to Op. 5530B54.

Remove the vehicle from the lift.

Cycle V - Conformity check: applies to Ducato 290 2.0 MJet model.

Position the vehicle on a lift.

- Remove the battery cover, with reference to Op. 5530B54.
 - Disconnect the negative battery terminal.
 - Remove the sound-proof cover, with reference to Op. 1016A10
-

- Check conformity of the vacuum unit: the acronym (D), on the plate (T), is structured as follows: **14T** = year 2014 and the day of manufacturing, number 101 (as in the example in the figure) corresponds to the 101st day of the year, that is 11 April.
-

If the number related to the day of manufacturing is:

- lower or equal to **99**;
- equal or higher than **137**;

the vacuum unit is compliant = **OK**, no intervention is required.

- Reinstall the removed components, working in the reverse order of removal.

If the number related to the day of manufacturing is:

- comprised between: **100** and **136**;

the vacuum unit is **NOT compliant** = **KO**, replace it as described below.



Cycle D - Applies to Ducato 290 2.0 MJet model.

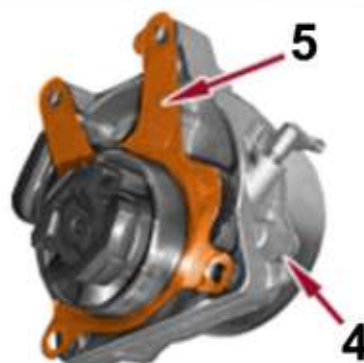
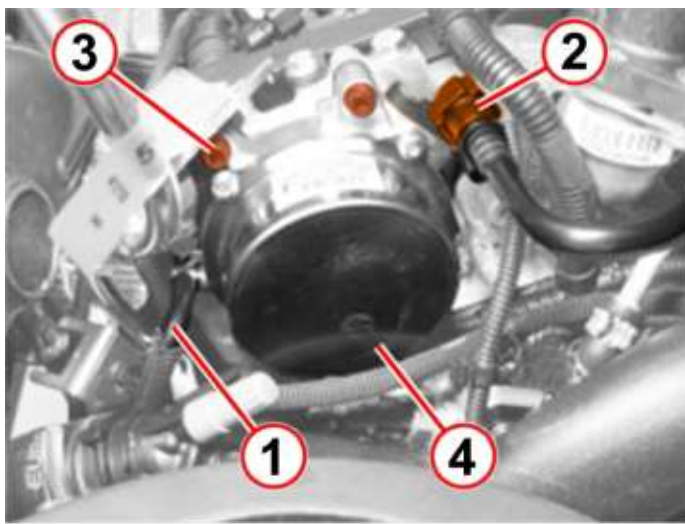
- Remove the air inlet pipe to the throttle body, with reference to Op. 1048B27.

Operating as described in Op. 3330D30:

- Disconnect the reservoir vacuum pipe (1) from the vacuum unit.
- Disconnect the quick coupling (2) for the brake servo vacuum pipe from the vacuum unit.
- Loosen the screws (3) and remove the vacuum unit (4).

Take from the Spare Parts Dpt.:

- a new vacuum unit;
- a new seal;
- four new screws.
- Fit the new vacuum unit (4) complete with the new seal (5) in its housing.
- Tighten the new fastening screws at a torque of $0.4 \div 0.6 \text{ daNm} + 50^\circ \pm 2^\circ$.
- Connect the quick coupling (2) for the brake servo vacuum pipe to the vacuum unit.
- Connect the reservoir vacuum pipe (1) to the vacuum unit.



- Re-install the air inlet pipe to the body in its housing, with reference to Op. 1048B27.
 - Re-install the removed components, working in the reverse order of removal.
 - Reconnect the negative battery terminal.
 - Re-install the battery cover, with reference to Op. 5530B54.
- Remove the vehicle from the lift.

PARTS AVAILABILITY

Description:	Part:	Qty:
Vacuum unit	55221325	1
Seal	71754192	1
Screw M6 x 35	55184920	4
Seal for air inlet pipe for the Doblò (263) 1.6 and 2.0 MJet model only	14464586	1

Disposal of removed parts

Removed part return required?

Local scrapping with TZM certification