



Automobiles and
Light Commercial Vehicles



Turin, 11th November 2010

CAMPAIGN – Service Campaign
Fiat Punto EVO models, with 1.4 105 HP MultiAir engine
- tappet cover

On 7970 Fiat Punto EVO cars with 1.4 105 HP MultiAir engine, whose chassis numbers are listed in the table:

Model		From chassis	To chassis	Number of cars
Punto EVO	Line 1	489627	720193	7970
	Line 2	1470304	1711486	

the tappet cover must be modified to improve engine oil consumption.

Therefore, a pre-delivery intervention must be compulsorily made on vehicles still in stock. For vehicles which have already been delivered, customers must be contacted by phone, implementing the cycle described in Attachment (Annex 1) to upgrade all vehicles.

Annexes

CAMPAIGN

Service Campaign



COMPONENT:	Tappet cover				
PROBLEM:	Non-compliance				
VERSION:	Punto EVO 1.4 105 HP MultiAir				
CONCERNED VEHICLES:	All vehicles with chassis number listed in SIGI. (chassis ranging between: <u>Line 1</u> : between 489627 and 720193; <u>Line 2</u> : between 1470304 and 1711486)				
	Vehicles assigned to you: consult your PC for the chassis numbers involved in the campaign.				
TECHNICAL CAUSE:	Production process				
RELEASE NO.:	0				
MATERIAL:	Description:	Part No.:	Q.ty:		
	(See table at the end of cycle)				
SPECIAL TOOLS:	-				
EPLUS ORDER UPLOADING METHOD:	-				
REMUNERATION:	Cost:	Campaign:	Operation:	Time:	
MANPOWER AND MATERIAL:	A01		A	Case A	0.40
			B	Case B	0.50
MISCELLANEOUS (MAIL, ETC.):	A10		-	-	
SOLUTION IN PRODUCTION:	The fitting of complying parts is guaranteed.				
NETWORK INTERVENTION IDENTIFICATION:	A spot of white paint on the engine oil vapour separator				
	Therefore, a pre-delivery intervention must be compulsorily made on vehicles still in stock. For vehicles which have already been delivered, customers must be contacted by phone to upgrade all vehicles.				

OPERATING CYCLE

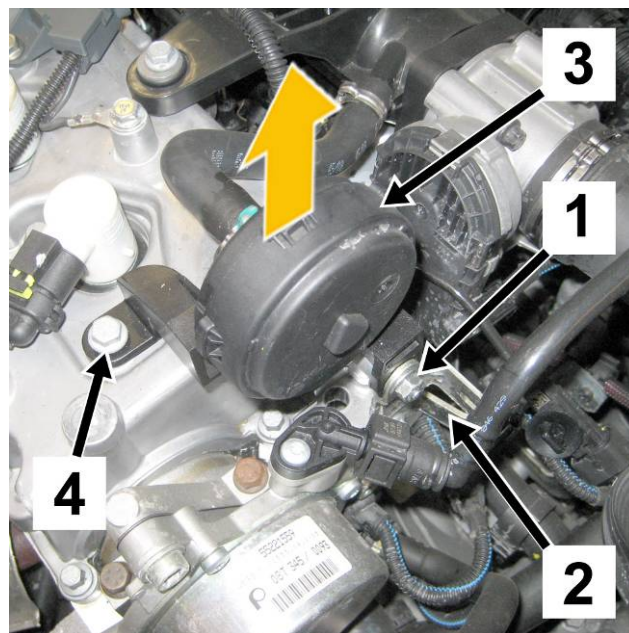
CASE A If the engine control warning light does not switch on in the instrument panel, proceed as below described

CASE B To be performed only and exclusively if the engine control warning light switches on in the instrument panel

CASE A

Working from inside the engine compartment, carry out the following operations:

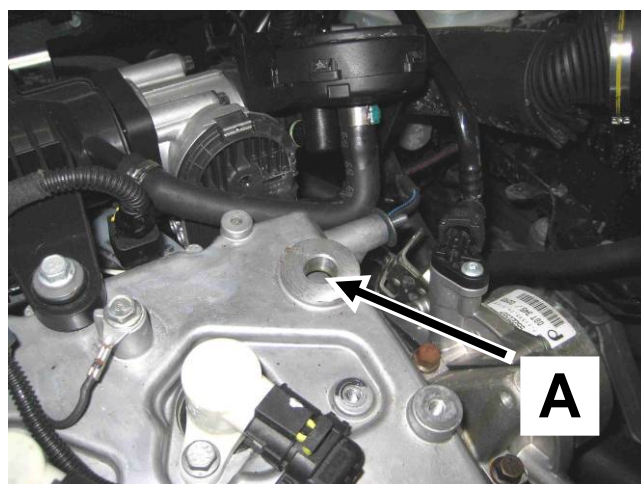
- Release and remove the sound-proof cover from the retaining pins, as described in Op. 1016A10 of the Service Manual.
- Undo the screws and remove the air cleaner with cold air intake, as described in Op. 1048A10 of the Service Manual.
- Undo the nuts (1) and disconnect the fastening bracket (2) for the engine oil vapour separator (3)
- Undo the fixing screw (4) and release the engine oil vapour separator from the tappet cover, without disconnecting it from the pipe.



- Take the tappet cover sheet panel drilling tool, part no. 2000039500

WARNING: wear suitable protective gloves before carrying out this operation.

- Locate the hole (A) on the tappet cover, as shown.



WARNING: make sure that the drilling tool is sharp enough and not worn due to a long use.

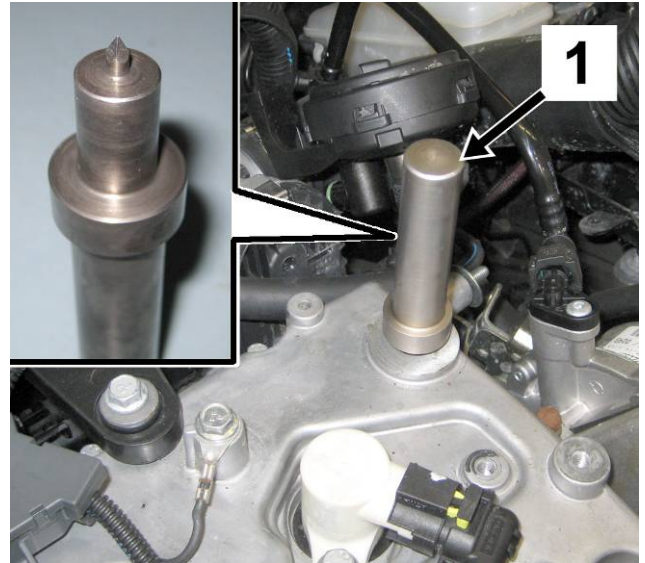
If the tool is worn or dull, so that it cannot drill the tappet cover in a proper way, replace it with a new one from the Spare Parts Dpt. (see Part&Service Availability)

- Fit the sheet panel drilling tool (1) in place as shown.
- Keep the tool aligned with the tappet cover, without wide angles.
- Using a 500-g hammer, suitably hit the drilling tool, so that it goes through the tappet cover sheet panel.

WARNING:

visually check the following:

- that the drilling tool **fully touches** the cover.
- That the drilling has been properly made.
- Refit the removed components proceeding in the reverse order of removal, as described in the Service Manual.
- Check the quantity of residual oil and top up if the level is close to the minimum mark.



CASE B

To be performed **only and exclusively** if the engine control warning light switches on in the instrument panel

- Connect the diagnosis equipment to the car.
- Perform the engine control unit diagnosis and check if one or more of the following errors occur:

P0069	Coherence between overboost press. and atmospheric press.
P0106	Intake pressure sensor
P0300	Ignition failure (generic)
P0301	Cyl. 1 ignition failures
P0302	Cyl. 2 ignition failures
P0303	Cyl. 3 ignition failures
P0304	Cyl. 4 ignition failures

- If one or more of the above errors occur, proceed as below described:
- Cancel the errors using the diagnosis equipment.
- Perform the drilling as described in Case "A".
- Carefully clean the intake area and the throttle body, to remove possible residual oil.
Warning: cleaning must be made with a suitable pad, making sure that the latter does not leave residues or foreign bodies during the wiping operation.
- Refit the removed components proceeding in the reverse order of removal, as described in the Service Manual.
- Check the quantity of residual oil and top up if the level is close to the minimum mark.
- Start the car and check that the engine control warning light does not switch on in the instrument diagnosis; perform a new check with the diagnosis equipment.
- If the errors reoccur, check that all the removed components have been properly refitted.
- Make the suitable checks with the diagnosis equipment, performing a careful troubleshooting.

PARTS AVAILABILITY

Description:	Part	Quantity:
Cover drilling tool	2000039500	01

Disposal of removed parts:

Removed part return required? **NO**