



S.A.T.	244 MV
area	n°

Service Bulletin

Service Bulletin - Technisches Rundschreiben - Circulaire Technique - Circular Tecnica

Date: 10 July 2020

Subject: Clutch drive flange replacement

Product: Brutale 1000 Serie Oro - RR - from vin ... LV000011 a vin ... MV000293
EXCEPT FOR THE VIN LISTED IN THE ATTACHMENT AT THE END OF THE BULLETIN

Following continuous monitoring of the quality of our product, it was found that the clutch drive flange must be replaced on the Brutale 1000 Serie Oro-RR models purchased by you.

We kindly ask you to replace the clutch drive flange BEFORE delivering the vehicle to the end customer. For the motorcycles already sold, we ask you to contact the customer as soon as possible and replace the drive flange.

Content of KIT cod. W000W1478:

- 8000B1014 clutch drive flange N° 1 PZ. (see next section for piece identification)
- 8000A6917 drive clutch disc N° 1 PZ.
- 8000C1124 clutch cover gasket N° 1 PZ

Tools needed for the operations:

- 8 - 10 mm exagonal
- 5 mm Allen key
- 32 mm exagonal
- Specific tool cod. 800079015
- Torque wrenches - 8 Nm - 140 Nm
- Loctite 2400 - 270
- Liquid gasket

We ask you to check and, if necessary, remediation during the pre-delivery phase, during a maintenance service or at the first useful opportunity at your workshop.

VEHICLE IDENTIFICATION PROCEDURE:

This upgrade concerns No. 283 units of motorcycles;

Check the chassis number (VIN) of your motorcycle: if it is NOT included in the list attached to this bulletin, but it's inside the specified range, then proceed with the warranty claim for the kit cod. W000W1478 as indicated in the following paragraph; once the kit has been received, replace the components involved as specified in the paragraph "intervention procedure".

NON-CONFORMING PART IDENTIFICATION PROCEDURE:

It will be possible to identify the part that needs to be replaced once the components involved in the motorcycle have been removed by paying attention to the surface of the flange in contact with the first drive clutch disc which requires the presence of a process that removes the anodization:



WARRANTY REQUEST FOR KIT RECEIPT AND LABOR REFUND (PHASE 1):

To obtain a refund for the labour time, in addition to the complete motorcycle data, a Warranty claim must be sent using the following information:

- Warranty type = 2 options available:
 - Brand new stock motorcycles NOT REGISTERED = **GX**
 - Motorcycles sold with activated warranty = **GS**
- Special warranty number = **2836** (to be used for both GX and GS)
- Operation code for labor refund: **X999** and insert the labour time of **1h**
- Problem code: **099**
- Failure date: **warranty claim's insertion date**
- Spare part code: **KIT cod. W000W1478**

WARRANTY CLAIM (PHASE 2):

After the validation of the warranty claim by the MV Agusta Technical Assistance Service you will automatically receive the kit cod. W000W1478 for the replacement of the clutch drive flange which will allow you to make the modification on the motorcycle.

Once the upgrade has been carried out, it will be necessary to complete the Warranty claim procedure by entering the repair date: the insertion of the repair date in the warranty request is valid as a certification of the reclamation of the motorcycle by the dealer and also allows the payment of the labor for the work performed.

NOTE: we remind you that according to the new warranty management functions and procedures, the insertion of the repair date is fundamental and mandatory as per technical communication n ° 004/17.

INTERVENTION PROCEDURE:

WARNING! All the operations below must be performed with the vehicle with a cold engine and with the key removed from the motorcycle.

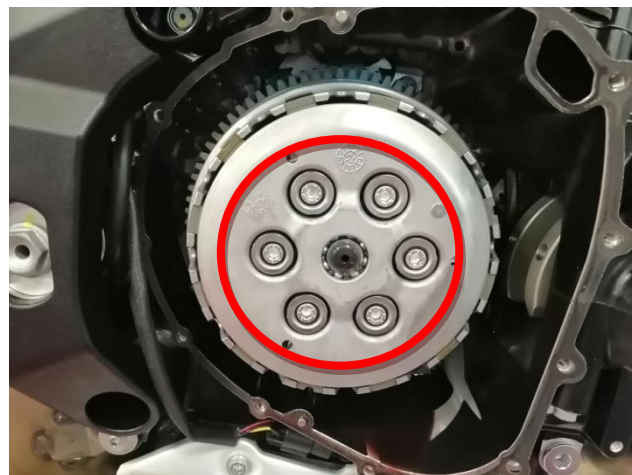
1. Place the motorcycle on the side stand with the handlebar turned to the left.
2. Remove the right noise absorbing panel:



3. Remove the clutch cover:

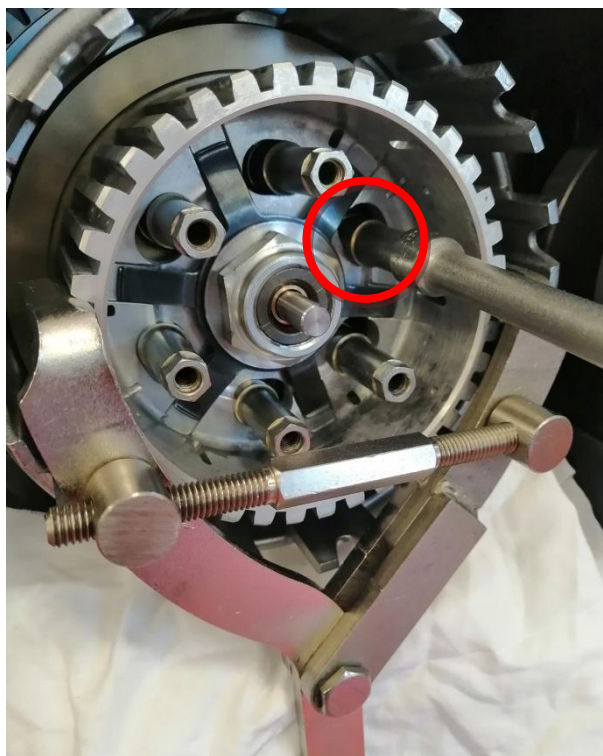


4. Remove the six screws and relative springs from the 8000C7305 spring holder disc:



5. Remove all the discs of the clutch pack; Remove the **drive clutch disc** (originally in contact with the old drive flange) from the disk pack; this disc must be replaced with the newly supplied part and the old part must be returned to the factory.

- Using the specific tool code 8000079015 and applying adequate protection in the area below the work area (in order to prevent dust and \ or debris from falling inside the crankcase) loosen the six columns cod. 8B00B0064 present on the drive flange:

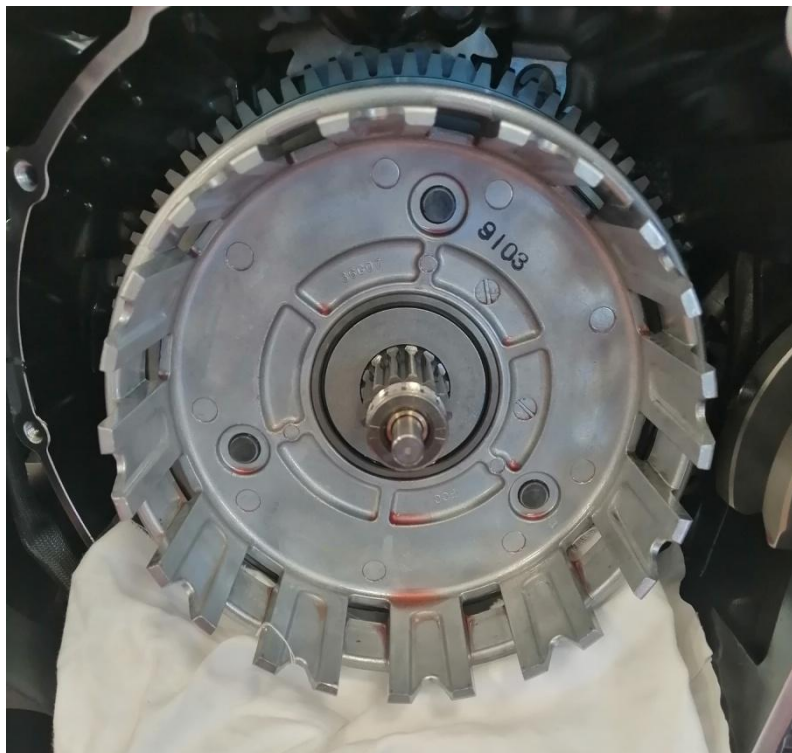


- Using the specific tool code 8000079015 remove the nut cod. 8000B2716 and then the two springs cod. 8000B0071 and the relative spring support cod. 8000B0072:



- Remove the clutch drum cod. 8000C7302.

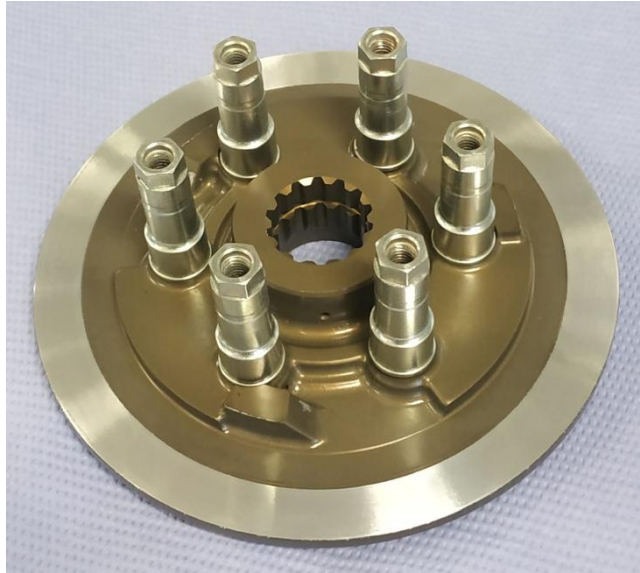
9. Remove the drive flange cod. 8000B1014, pay attention to the position of the spacer below:



10. Remove the six columns cod. 8B00B0064 present on the old drive flange and install them on the new flange cod. 8000B1014 supplied as kit; tighten them to 45 Nm using Loctite 270 threadlocker:



11. Install the new drive flange cod. 8000B1014 by applying oil on the toothed part in contact with the gearbox main shaft.



12. Reinstall the clutch hub cod. 8000C7302 taking care to put the slippery clutch's rollers in the appropriate slots on the drive flange..

13. Position the two springs cod. 8000B0071, the relative spring support cod. 8000B0072 and the fixing nut cod. 8000B2716 tightening it to the torque of 140 Nm with Loctite 2400 medium thread locker.

14. Remove the last clutch drive disk (originally in contact with the old drive flange) from the disk pack and replace it with the disk cod. 8000A6917 supplied in the kit; the old disk will have to return to the company together with the drive flange removed.

15. Reinstall the clutch discs in the order reported below:

1- clutch drive disk with black mark on its side cod. 8000A6917 ; **the disc cod. 8000A6917 engine side must be new part (part supplied in the kit)**

NOTE: sprinkle the new disc with engine oil before installation

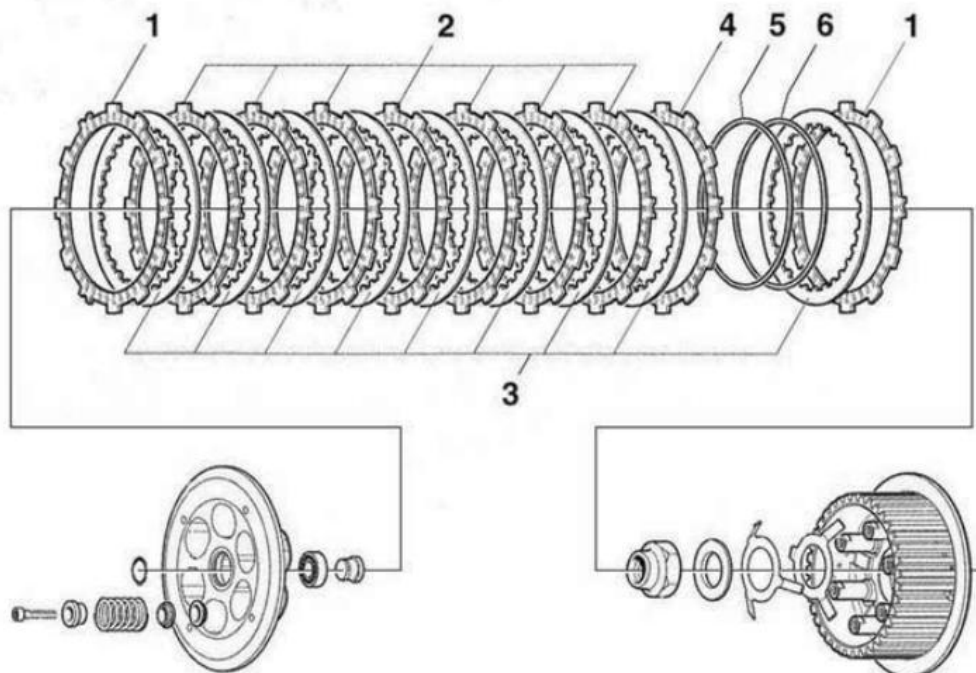
2- clutch drive disk cod. 8000A6916

3- iron disc cod. 8000A6918

4- clutch drive disk cod. 8000A6915 (diametro interno maggiore)

5- spring cod. 8000A6922

6- spring seat cod. 8000A6923



16. Install the spring holder disc cod. 8000C7305.
17. Install the six screws and relative springs from the spring holder disc cod. 8000C7305 and tighten them to a torque of 10 Nm.
18. Install the clutch cover using the new gasket supplied in the kit code. 8000C1124, applying liquid gasket at the two joints of the crankcase; tighten the screws to a torque of 10 Nm.
19. Install the right noise-absorbing panel by tightening the screws to a torque of 10 Nm.

At the end of this operation, check the correct oil level, start the motorcycle taking care to warm up the engine to check for leaks and perform a dynamic test to make sure that all the components are working properly and that no oil leaks occur.

At the end of the dynamic test, remove the right sound-absorbing panel again and check the correct tightening of the screws of the clutch cover with the engine cold.

NOTE: Lubricate all clutch discs during assembly. For anything not indicated in this communication, please refer to the related workshop manual.

Thanking you in advance for your collaboration, we remain at your disposal for any technical / commercial support.

Kind Regards

MV AGUSTA MOTOR S.p.A.
Technical Assistance Service