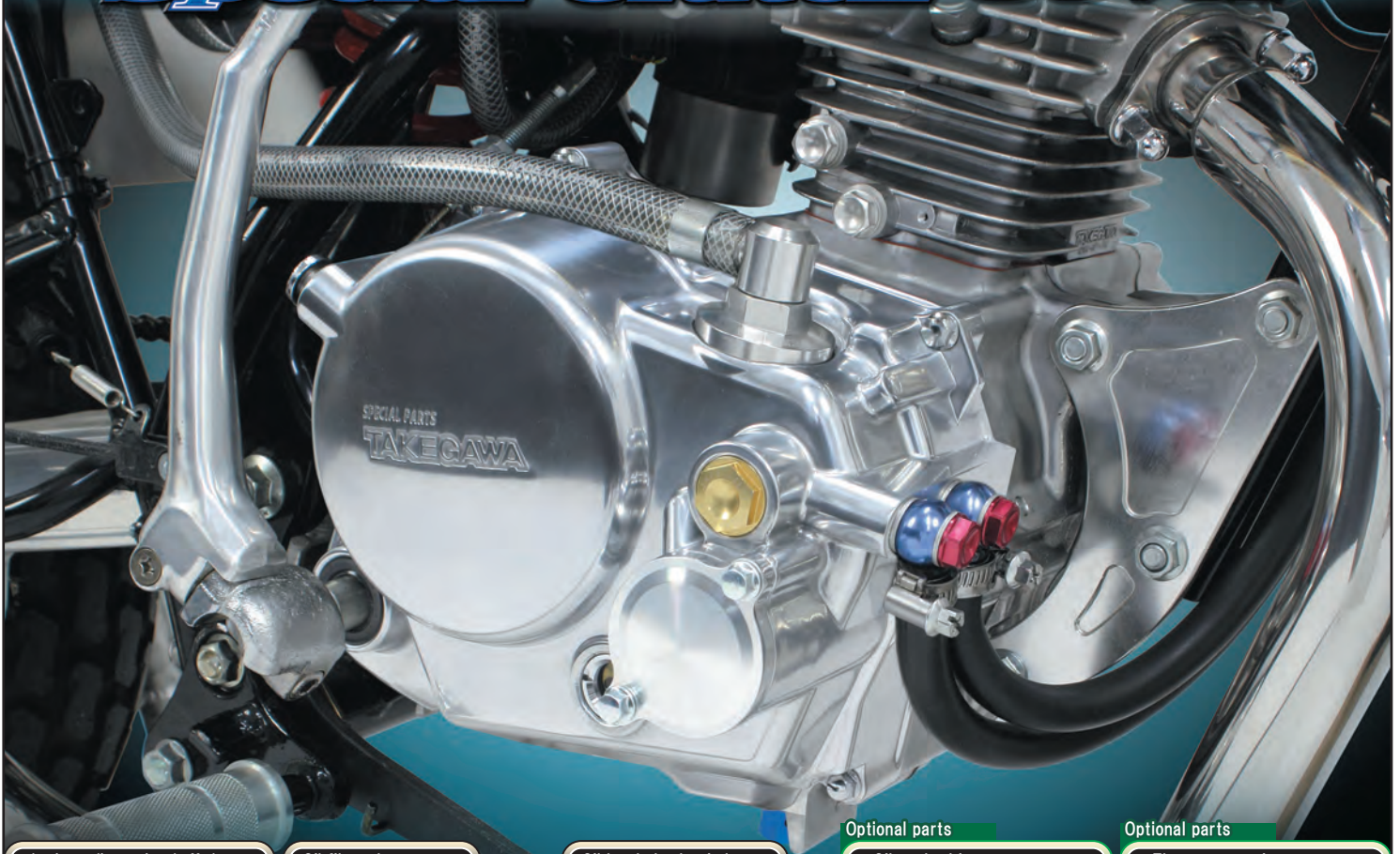


- Special Clutch Cover kit
- Special Clutch kit

Ape-XR50/100 Motard
CRF100F-XR100R

Buff polishing and clear paint finish emerges beautifully in a special clutch cover adopting a patent acquisition structure that enables installation of oil filter elements, oil level check windows, oil line plug adaptor, and thermostat that never existing on the stock clutch cover!!

Special Clutch Cover



Special Clutch [5-Disc]



■ Slipper clutch

The slipper clutch relaxes the shock of a sudden engine brake due to the shift down at high speed.

■ 5disc type

change the friction disk to both to 5 disks to increase the clutch capacity, prevent clutch slip.

■ **Special Clutch Cover kit** ■ **Special Clutch kit**

Ape·XR50/100 Motard·CRF100F·XR100R

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Clutch Cover(Buff polishing)



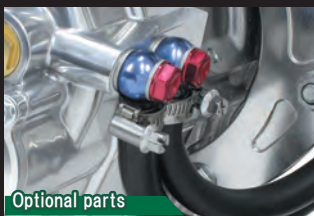
Oil filter elements



Oil level check windows



5disc type reinforced Clutch kit (with Slipper clutch)



Optional parts



Optional parts

Oil outlet for the oil cooler

Thermostat unit can be mounted



Special Clutch Cover kit
02-01-5123



5disc type reinforced Clutch kit (without Slipper clutch)

■ It can be installed on not only stock clutch, but also our 5-disk reinforced clutch.



5disc type reinforced Clutch kit (with Slipper clutch)

※To install the slipper clutch, it is necessary to install it with our special clutch cover at the same time



Special Clutch kit(WET/Slipper Clutch/Wire type)
02-01-0177

■ **Special Clutch Cover** Special clutch cover can also be mounted on stock clutch.

- **Special Clutch Cover** (made of aluminum die-casting)
The cover is made of aluminum die-casting, buffed and then subjected to clear paint finish, finishing beautifully. By cover design and surface are quite different from the stock clutch cover, it gives impact to the engine and looks beautifully. "TAKEGAWA" logo is on this clutch cover.
- It can be installed on not only stock clutch, but also our 5-disk reinforced clutch.
- **Special clutch cable** (900 mm) included.
- **Patented construction design of clutch cover** (thermostat mounting structure and oil line structure) We adopted patent acquisition structure which made it possible to install thermostat (optional) With the original oil line structure, by installing the thermostat unit, it prevents overcooling when installing the oil cooler.
- **How thermostat operates:** When the oil temperature rises (over 70 °C), the shape memory alloy spring in the thermostat elongates, closes the bypass passage of the clutch cover, and changes the flow of oil via the oil cooler. In the case of less than 70 °C, the spring shrinks and only a small amount of oil flows in the oil cooler, and flows through the bypass passage.
- **Thermostat unit** 02-01-5052
- ※It is necessary to install thermostat unit simultaneously with our oil cooler.
- **Large filler cap** (Chrome plating finish made of aluminum die casting)
- **Equipped with engine oil check window.** Equipped with the oil check window to check the amount of engine oil which does not equipped with genuine clutch cover.
- **Oil outlet is standard equipment.** Since the clutch cover equipped oil outlet, oil can be taken out to the oil cooler. When do not use the oil outlet, use the included blind plug.
- **Original rubber separator included** (only uses for 100cc model)
When the special clutch cover is attached to the Ape 100 / XR 100 Motard / XR 100 R / CRF 100 and the oil is taken out from the clutch cover, due to no wall dividing the oil from the oil pump to the crank side and the cylinder head side, the oil flows in two directions. As the oil cooler is installed, the amount of oil flowing to the oil cooler decreases. Therefore, by installing a rubber separator that divides the flow of oil into the crankcase, the flow of oil becomes one direction, so the entire amount of oil flows from the oil pump to the oil cooler and the oil filter, and passing through the oil filter, it flows to crankshaft, crankcase, cylinder.

■ **5disc type reinforced Clutch kit**

For the stock clutch (3 disc for Ape 50, 4 disc for Ape 100), change the friction disk to both to 5 disks to increase the clutch capacity, prevent clutch slip. From stock to hi-performance engines. In addition, the number of clutch dampers has been changed from 4 to 6 in original to increase the damper capacity. In addition, the primary reduction gear ratio was changed from 4.437 to 3.833, about 16% higher gearing, the selection of driven gear sprocket ranges wider. By installing the included oil pump drive gear, the oil pump's reduction ratio can be changed from 2.187 to 1.833, and the oil sending amount per engine revolution will increase.

■ Clutch structure can be selected with or without the slipper clutch. The slipper clutch relaxes the shock of a sudden engine brake due to the shift down at high speed. This makes it possible to reduce sudden changes in posture, hopping of rear tires, burden on the engine.

※Slipper clutch can not completely release back torque, its only reduce the shock. Because part is transmitted to the crankshaft, abrupt shift down at high revolution should not be done to prevent damage to the valve mechanism. ※To install the slipper clutch, it is necessary to install it with our special clutch cover at the same time.

■ The special clutch kit is set with a special clutch cover and a 5-disk reinforced clutch kit as a valued set price.

■ **Optional parts**

- **thermostat unit** 02-01-5052
Uses the oil cooler and installing an optional thermostat unit, overcooling can be prevented.
- ※In order to install the thermostat unit, it is necessary to install our Oil Cooler Kit at the same time.
- **Compact cool kit** (installed Special clutch cover)
For this special clutch cover, you can choose from our wide selection of oil cooler unit depending on vehicles, mount position and capacity of oil cooler. Please see our web catalog or WEB SITE for the full lineup.

Name	Special Clutch Cover kit (Buff polishing)
Applicable model	Ape50/Ape50 (FI) /Ape100 XR50/100 Motard CRF100F (HE03-2400001~) XR100R (HE03-1000001~)
Item number	02-01-5123

Name	5 disc type reinforced Clutch kit
Applicable model	Ape50/Ape50 (FI) /Ape100 XR50/100 Motard CRF100F (HE03-2400001~) XR100R (HE03-1000001~)
Item number	Without Slipper clutch :02-01-0310 With Slipper clutch :02-01-0045 ※To install the slipper clutch, it is necessary to install it with our special clutch cover at the same time

Name	Special Clutch kit
Applicable model	Ape50/Ape50 (FI) /Ape100 XR50/100 Motard CRF100F (HE03-2400001~) XR100R (HE03-1000001~)
Item number	WET/Wire type :02-01-0178 WET/Slipper clutch/Wire type :02-01-0177

■ Special Clutch Cover kit ■ Special Clutch kit

Ape·XR50/100 Motard·CRF100F·XR100R

Buff polishing and clear paint finish emerges beautifully in a special clutch cover adopting a patent acquisition structure that enables installation of oil filter elements, oil level check windows, oil line plug adaptor, and thermostat that never existing on the stock clutch cover!!



Clutch Cover (Buff polishing)



Oil filter elements



oil level check windows



Optional parts

Oil outlet for the oil cooler



Optional parts

Thermostat unit can be mounted



Special Clutch Cover kit

■ Special Clutch Cover Special clutch cover can also be mounted on stock clutch.

■ Special Clutch Cover (aluminum die-casting)

The cover is made of aluminum die-casting, buffed and then subjected to clear paint finish, finishing beautifully. By cover design and surface are quite different from the stock clutch cover, it gives impact to the engine and looks beautifully.

■ It can be installed on not only stock clutch, but also our 5-disc reinforced clutch. ■ Special clutch cable (900 mm) included.

We adopted patent acquisition structure which made it possible to install thermostat (optional)

With the original oil line structure, by installing the thermostat unit, it prevents overcooling when installing the oil cooler.

How thermostat operates: When the oil temperature rises (over 70 °C), the shape memory alloy spring in the thermostat elongates, closes the bypass passage of the clutch cover, and changes the flow of oil via the oil cooler. In the case of less than 70 °C, the spring shrinks and only a small amount of oil flows in the oil cooler, and flows through the bypass passage.

■ Thermostat unit 02-01-5052 ※It is necessary to install thermostat unit simultaneously with our oil cooler.

■ Large filler cap (Chrome plating finish made of aluminum die casting) ■ Equipped with engine oil check window

■ Oil outlet is standard equipment. Since the clutch cover equipped oil outlet, oil can be taken out to the oil cooler. When do not use the oil outlet, use the included blind plug.

■ Original rubber separator included (only uses for 100cc model)

When the special clutch line cover is attached to the Ape 100 / XR 100 Motard / XR 100 R / CRF 100 and the oil is taken out from the clutch cover, due to no wall dividing the oil from the oil pump to the crank side and the cylinder head side, the oil flows in two directions. As the oil cooler is installed, the amount of oil flowing to the oil cooler decreases. Therefore, by installing a rubber separator that divides the flow of oil into the crankcase, the flow of oil becomes one direction, so the entire amount of oil flows from the oil pump to the oil cooler and the oil filter, and passing through the oil filter, it flows to crankshaft, crankcase, cylinder.



5disc type reinforced Clutch kit (without Slipper clutch)

■ 5disc type reinforced Clutch kit

For the stock clutch (3 disc for Ape 50, 4 disc for Ape 100), change the friction disk to both to 5 disks to increase the clutch capacity, prevent clutch slip. From stock to hi-performance engines. In addition, the number of clutch dampers has been changed from 4 to 6 in original to increase the damper capacity. In addition, the primary reduction gear ratio was changed from 4.437 to 3.833, about 16% higher gearing, the selection of driven gear sprocket ranges wider. By installing the included oil pump drive gear, the oil pump's reduction ratio can be changed from 2.187 to 1.833, and the oil sending amount per engine revolution will increase.

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※To install the slipper clutch, it is necessary to install it with our special clutch cover at the same time.

■ Optional parts

■ Thermostat unit 02-01-5052

Uses the oil cooler and installing an optional thermostat unit, overcooling can be prevented.

※In order to install the thermostat unit, it is necessary to install our Oil Cooler Kit at the same time.

■ Compact cool kit (installed Special clutch cover)

For this special clutch cover, you can choose from our wide selection of oil cooler unit depending on vehicles, mount position and capacity of oil cooler. Please see our web catalog or WEB SITE for the full lineup.



5disc type reinforced Clutch kit (with Slipper clutch)



Special Clutch kit (WET/Slipper clutch/Wire type) 02-01-0177