



Super head+R Kit Instruction Manual

- Thank you for purchasing one of our products.
Please strictly follow the following instructions to install and use the kit.
- Before installing the kit, please be sure to check the kit contents. If you have any questions about the kit, please contact your local TAKEGAWA dealer.

Please note: Illustrations and photos may vary from actual hardware.

Item No. : 0 1 - 0 3 - 0 7 5 8

Compatible models and the frame No.:

Ape	: AC16-1000001 ~ 1599999
XR50 Motard	: AD14-1000001 ~
Ape100	: HC07-1000001 ~
	: HC13-1000001 ~
XR100 Motard	: HD13-1000001 ~
XR100R	: HE03-2100001 ~
CRF100F	: HE03-2400001 ~

~ Features ~

This is our originally designed Cylinder Head. Both of intake and exhaust valves are enlarged while diameters of valve stem shafts are thinned down. Furthermore, valve angles, port designs and combustion chamber designs are all originally designed by us. Also, the camshaft has a specialized cam holder and is now supported by ball bearings at the journals. Oil passages is redesigned and the camshaft has a hollow construction. By injecting the oil from the camshaft, the lubricity and the cool capability are increased. Roller bearings are incorporated in valve rocker arms. The increased weight because of the built-in bearings are offset with the decreased weight by using the forged aluminum. We guarantee your satisfaction.

Read all instructions first before starting the installation

We do not take any responsibility for any accident or damage whatsoever arising from the use of the kit not in conformity with the instructions in the manual. Please note that this kit is designed for exclusive use in the above-mentioned applicable models and frame numbers only and that it cannot be mounted on other models.

Installation of this kit requires engine removal and crankcase disassembly. Please do the installation work with utmost care, referring to the Honda's genuine service manual for the above-mentioned compatible models. Besides, this instruction manual, as well as the HONDA's genuine service manual, is prepared with those persons in mind who have basic skills and knowledge. Therefore, we recommend those who are technically inexperienced or do not have enough tools to ask a technically-reliable specialist shop for the work.

We shall be held free from any kind of warranty whatsoever of products other than this product if the glitch takes place on the other products than this one after the installation and use of this product.

If you make modifications to any product of the kit, we shall be held free from any guarantee of the product.

You are kindly requested not to contact us about the combination of our products with other manufacturers'.

A serial number is stamped on the cylinder head. You may be requested to inform us of the number when ordering small parts.

Some of bolts, nuts, dowel pins and seals will be reused. However, be sure to replace worn-down or severely-damaged ones with new ones.

Do not use liquid seals, which may opilate oil passage; it may break the engine in the worst case.

Be sure to always use premium unleaded petrol. And make sure to check what kind of gasoline is remaining in the fuel tank. Whenever regular gasoline remains in the fuel tank, always replace it with high-octane gasoline.

Stock spark plug cannot be used. Be sure to use the specialized spark plug.

Determine the heat value of a spark plug depending on how much it is burnt. In vehicles originally with a resistor plug, always use a resistor plug.

Never use this kit on the point-ignition system motorcycle.

Please be informed that what we can safely say is that the ignition system is compatible only with ours and stock ignition systems, because no data is available with us on the compatibility with other ignition systems. Therefore, please never use other ignition systems, which may cause technical troubles.

Install an oil cooler when necessary.

Engine oil must be API SF or higher class, such as SAE 10W-40 / 15W-50, which are our recommendations.

Change a sprocket with the one which corresponds to the engine output power and specifications.

This kit cannot perform on its own. Please see "Recommended engine parts" on page 2.

This kit is only compatible with those engine parts recommended by us. So, please replace the engine parts not recommended by us with those of our recommendations.

This kit is intended for closed course competition purposes only. So, take note that it is prohibited to drive your motorcycle on a public road after the installation of this kit. Drive your motorcycle at a legal speed, abiding by the laws.

If you have bought a head kit only, this head kit alone does not work. Please purchase a special kit with reference to the attached sheets.

CAUTION : Do not use SR-30 and SR-35 camshaft for 91cc APE / XR50motard.

When using this 100 cc kit for Ape 100, option cams SR - 30 and SR - 35 can not be used.

When using with bore up 91cc Ape 50, you must be used with SS rotor kit or inner rotor kit at the same time.

And option cams SR - 30 and SR - 35 can not be used.

Quick Starting and Sudden Acceleration

Please note that idling, sudden acceleration, and sudden engine braking will put a heavy load on the engine. It may result in crankshaft damage and engine breakage in the worst case.

Please be informed that, mainly because of improvement in performance, design changes, and cost increase, the product specifications and prices are subject to change without prior notice.

This manual should be retained for future reference.



CAUTION

The following show the envisioned possibility of human death or serious injuries to human bodies as a result of disregarding the following cautions.

- This kit is intended for closed course competition purposes only. So, take note that it is prohibited to drive your motorcycle on a public road after the installation of this kit. Drive your motorcycle at a legal speed, abiding by the laws.
- Make sure the engine and muffler are completely cool at below 35 degrees C before starting the installation to avoid burns.
- Prepare appropriate tools and work properly to avoid the breakage of parts or injuries.
- As some products and frames have sharp edges or protruding portions, work with your hands protected to avoid injuries.
- Always use new gaskets, and seals. And check those parts to be reused for wear and damage. If you find worn or damaged parts, replace them with new ones.

WARNING The following show the envisioned possibility of human death or serious injuries to human bodies as a result of disregarding the following cautions.

- Those who are technically unskilled or inexperienced are required not to do the work. (Improper installation because of insufficient skill and knowledge could lead to parts breakage and subsequently to accidents.)
- Before working, place the motorcycle on the level ground to stabilize its position for safety to avoid the motorcycle overturning.
- Always start the engine in a well-ventilated place, and do not turn on the engine in an airtight place. (Otherwise, you will suffer from carbon monoxide poisoning.)
- As gasoline is highly flammable, never place it close to fire. Make sure that nothing flammable is near the gasoline. Since vaporized accumulation of gasoline is at high risk of explosion, work in a well-ventilated place. (Otherwise, it may cause a fire.)
- Always use a torque wrench to tighten bolts and nuts securely to the specified torque to avoid these parts getting damaged or loose.
- If you find damaged parts when checking and performing maintenance of your motorcycle, do not use these parts any longer, and replace them with new ones. (The continued use of these damaged parts could lead to an accident.)
- When you notice something abnormal with your motorcycle, stop riding immediately and park your motorcycle in a safe place to avoid an accident.
- Before riding, always check such parts as screws for loose. If you find loose ones, screw them securely up to the specified torque to avoid parts coming off.
- Check or carry out maintenance of your motorcycle correctly according to the procedures in the instruction manual or service manual. (Improper checking or maintenance could lead to accidents.)
- Be sure to always use premium unleaded petrol. (Otherwise, troubles such as knocking of an engine may cause accidents.)

Safety precautions to take before riding

About fuel:

Always replace the regular gasoline with high-octane gasoline when it is remaining in the fuel tank.

With this kit installation, a centrifugal filter will be lost. So, please install a dry-type clutch with an external oil filter or a special clutch.

About change of sprocket:

The installation of this kit will increase the power. So the continued use of a stock sprocket will result in severe wears of parts because of too low gear, not only adversely affecting the engine life, but also breaking the engine in the worst case. Therefore, please change the sprocket with the high-geared one.

Recommended engine parts

This kit is only compatible with those engine parts recommended by us. So, please replace the engine parts not recommended by us with those of our recommendations.

Recommended Parts	
Clutch	Dry-Type Clutch
	Special 5-Disk Clutch Kit
Ignition System	Stock C.D.I.
	Hyper C.D.I.
	C.D.I. Magnet Kit
Carburetor	KEIHIN PE28 Carburetor Kit
Oil Pump	Super Oil Pump
Muffler	Racing Muffler
Cam Chain	DAI-HARD

If you have bought a head kit only, this head kit alone does not work. Please purchase a special kit with reference to the attached sheets.

Others:

About oil cooler:

The installation of this kit increases the heat release value of the engine, set off by the increase in power. For a long-time, high-load running, we recommend you to install an oil cooler kit which keeps the oil at appropriate temperatures and prevents such troubles as lack of oil film at high temperatures.

About camshaft and rocker arm:

If you have purchased a cylinder head kit alone, a special camshaft is needed separately. Camshafts with a few kinds of profiles are available from us to meet different uses and engine displacement. Even if you have purchased a full kit, you can study to use them as an optional extra in addition to the supplied camshafts. For more information, please refer to the attached sheet.

This cylinder head has our originally designed camshaft and rocker arms. Be sure to use the rocker arms and the camshaft included in the kit. Stock rocker arms cannot be used.

Upper limit of revolution

Upper limit of revolutions varies depending on the installed cam shaft, etc. Referring to the camshaft comparison graph on page A3, install a revolution counter to make sure that you drive the engine at revolutions below maximum output speed r.p.m.

Take note that idling and sudden acceleration, particularly in the 1st or 2nd gear, tend to exceed the upper limit of revolutions. Over revolutions will result in nonsmooth revolutions of the engine, not only adversely affecting the engine life, but also possibilit breaking the engine in the worst case.

Titanium valve spring retainer (optional)

This Super Head has optional titanium valve spring retainers.

Titanium retainers are about 30% lighter than steel retainers.

The surface is treated with a special coating of which hardness is HV1000 above for added shock-resistance and wear-resistance.

Item No.01-12-084 (2 pcs)

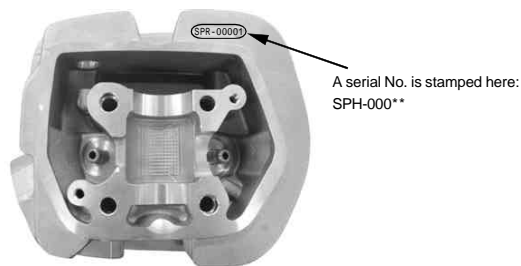


A serial number is stamped on the cylinder head for administration purpose. You may be requested to inform us of the number when ordering repair parts. In case you cannot place an order with us because you do not have the repair part Item No., please place an order with us referring to the example below.

Take a note of the number stamped on the side of the cylinder head.

Head No.- SPR-00001

example of ordering : Super Head Kit, Repair Head No.- SPR-00001 one pc of intake valve



For those who have purchased a cylinder head kit alone, selection kits are available to meet your combination demand depending on the specifications, etc. Please study the required contents of the kit, referring to the attached sheets. For more details and enquiries, please contact your local motorcycle dealer.

About optional camshaft:

The following camshafts, compatible with this kit, are available from us.

Referring to the list below, please select a camshaft to match your usage and engine displacement, for your great riding pleasure.

SR-25 camshaft	Included in bore-up, and bore- and stroke-up kits	01-08-0445
SR-30 camshaft	Optional	01-08-0446
SR-35 camshaft	Optional	01-08-0447

About Camshafts Number

The bigger the numbers of XX / YY are, the wider the durations are. With these camshafts, the output power will produce more to high rpm range. While, the smaller the numbers are, the narrower the durations are. With these camshafts, the output power will produce more to low-to-mid rpm range. We supply the suitable camshaft depending on the displacements.

When choosing the optional camshafts, please choose the camshaft referring to the camshaft data chart to suit your riding purpose.

Also, the engine output will vary significantly depending on the using exhaust system, length of inlet pipe, carburetor diameter, compression ratio, ignition system, ignition timing, fuel or natural phenomenons such as ambient temperature or atmospheric pressure.

91cc APE / XR50motord can use SR-25 camshaft only, never use SR-30 or SR-35. (It may damage the engine)

The 100 cc kit for Ape 100 can be used SR-25 camshaft only.

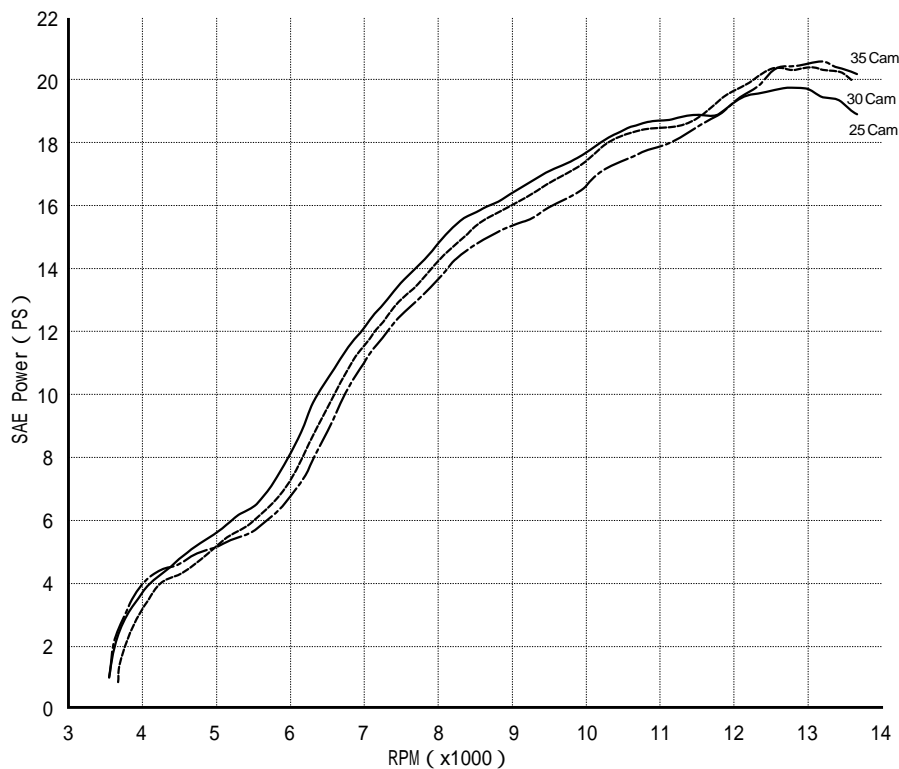
Options SR - 30 and SR - 35 can not be used. (It will be serious damaged on the engine when you use it.Be carefull.)

When using the 100 cc kit for Ape 100, be sure to use the plug sleeve L (included) with the piston kit.

Comparison data of camshaft

NB: As these are the data measured on a Dyno Jet, the data differ from the actual driving. So, please refer to them just as a reference. The engine power varies significantly depending on the temperatures.

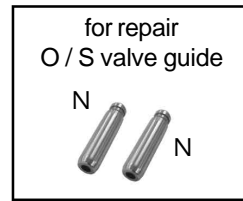
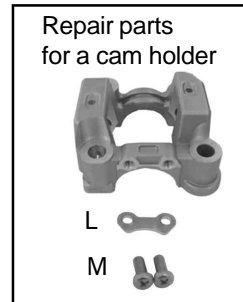
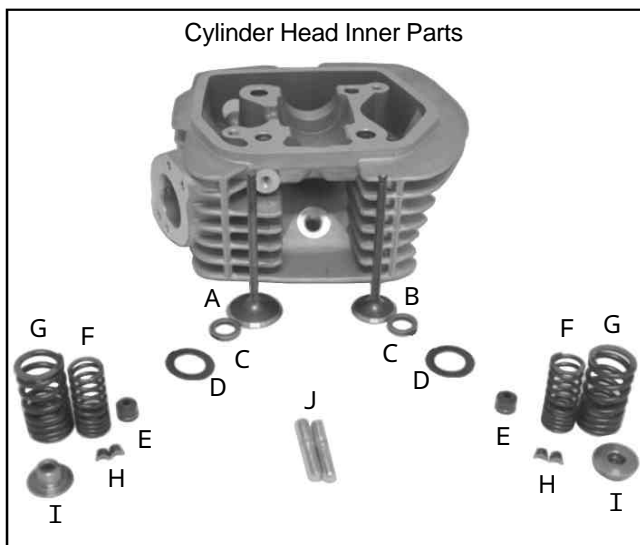
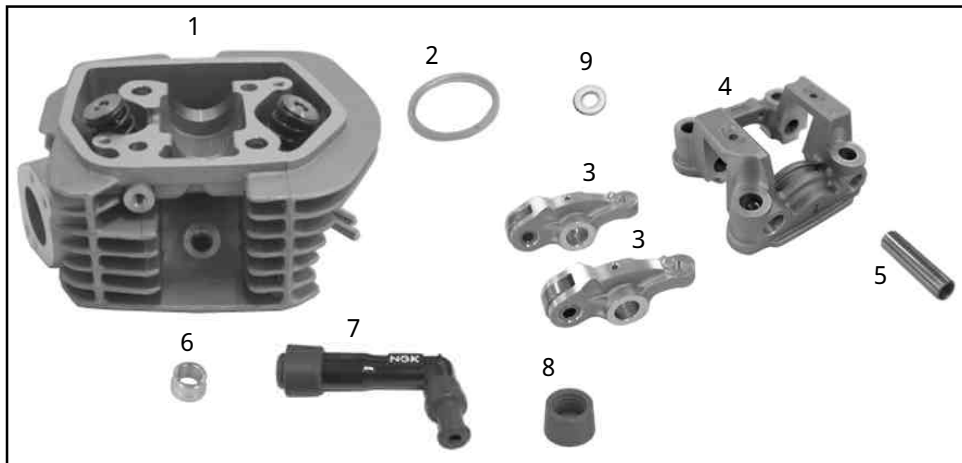
136 cc



Cam comparison when this kit is used in 136cc Ape models.

- SR25 camshaft (The supplied camshaft)
- SR30 Racing camshaft
- . - . - SR35 Racing camshaft

~ Kit Contents ~



No.	Part Name	Qty	Repair Part Item No.	In packs of
1	Cylinder Head Assembly	1	06120-149-T41	1
2	Exhaust Pipe Gasket	1	00-01-0027	2
3	Rocker Arm	2	14431-SP4-T00	1
4	Cam Holder COMP.	1	00-01-1035	1
5	Rocker Arm shaft	1	14451-SP4-T00	1
6	Plug sleeve	1	12351-KN4-T10	1
7	Plug cap	1	00-01-1013	1
8	Plug cap rubber	1	30701-D4H-T00	1
9	Sealing washer, 6.5x12	1	00-00-2780	1
	Alumi Special (5 g)	1	00-01-0001	1

No.	Part Name	Qty	Repair Part Item No.	In packs of
A	Intake Valve	1	14711-149-T42	1
B	Exhaust Valve	1	14721-149-T42	1
C	Valve Spring Seat, Inner	2	00-01-0072 (SET)	2
D	Valve Spring Seat, Outer	2		2
E	Valve Stem Seal	2	00-01-0015 (SET)	2
F	Inner Valve Spring	2	00-01-1036 (SET)	2
G	Outer Valve Spring	2		2
H	Valve Cotter	4	00-01-0018	4
I	Valve Spring Retainer	2	00-01-0078	2
J	Stud Bolt	2	00-01-0073	2
K	Cam Stopper	1	12211-SPH-T00	1
L	Pan Screw, 5x12	2	00-00-047	6
M	Valve guide O/S		00-01-0074	1

Please order repair parts with the Repair Part Item No. Without the repair part item No., we may not be able to provide the correct parts.

Some parts are only available as a set. Please order them with the set number.

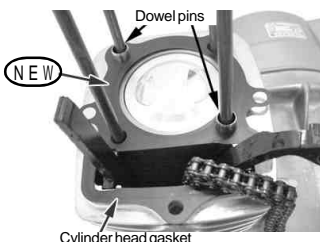
SPECIAL PARTS TAKEGAWA Co.,Ltd.
 3-5-16 Nishikiorihigashi Tondabayashi Osaka Japan
 TEL : 81-721-25-1357 FAX : 81-721-24-5059
 URL : <http://www.takegawa.co.jp>

~ Installation Procedures of Cylinder Head ~

Degrease the mating surfaces of the cylinder and the cylinder head with thinner.



Fix two dowel pins and a cylinder head gasket to the cylinder.



Pass the cam chain through the cylinder head, and install the cylinder head.



Pass the adjuster through the cam chain tensioner and cylinder head to attach it.



Temporarily tighten a set plate with a locking bolt.



Temporarily tighten a cylinder head mounting bolt.

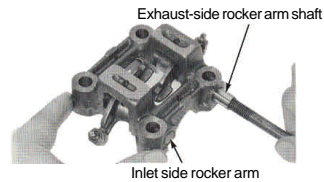
When installing a camshaft:

Loosen an adjusting nut on the standard rocker arm attached to the camshaft holder.



Remove a rocker arm from the camshaft holder.

- Lightly screw 8mm bolt(s) to the rocker arm shaft on the exhaust side, and pull out the rocker arm shaft.
- Push the inlet-side rocker arm shaft with a screwdriver or the like, and then remove the rocker arm shaft.



Inspect your inlet side's rocker arm shaft.

Service limit: 9.91 mm. Change the rocker arm shaft of below this 9.91 mm.



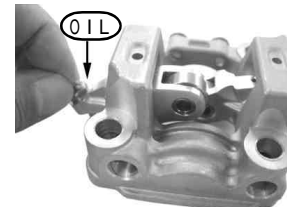
Install the included rocker arms on the kit's camshaft holder.

- Apply the molybdenum oil to the cutout of the inlet rocker arm shaft and install it.

When installing it, align the cutout of the inlet rocker arm shaft and bolt hole of camshaft holder. On the EX side, install the supplied rocker arm shaft with the thread side facing out. The EX side (the supplied shaft) does not have the cutout.



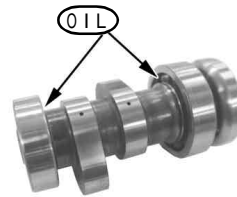
Apply engine oil to the adjusting bolt and adjusting nut of the removed stock rocker arm, which please install to the supplied rocker arm.



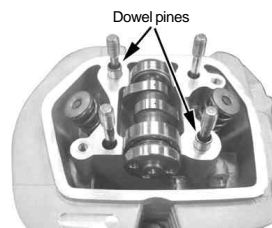
Remove an oil check bolt on the standard cylinder head.



Apply the engine oil to the supplied camshaft bearings and install the camshaft with the cam lobes facing down on the cylinder head.



Attach two dowel pines and install a camshaft holder.



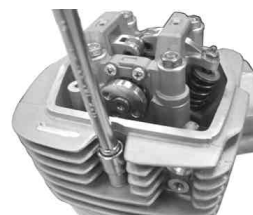
Attach 4 washers and slightly apply "Aluminum Special", the heat-resistant lubricating agent, to the seating faces of 4 nuts, and equally tighten them up in a few steps diagonally.

⚠ Caution: Apply the specified torque.
Torque: 20 N · m (2.0 kgf · m)

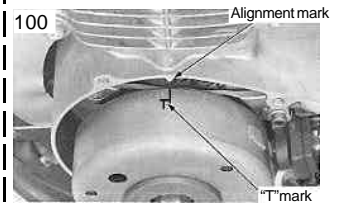


Securely tighten the temporarily-tightened cylinder head mounting bolt.

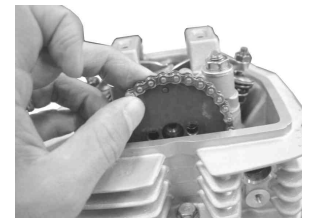
⚠ Caution: Apply the specified torque.
Torque: 12 N · m (1.2 kgf · m)



Check that "T" mark on the fly wheel is aligned with the " " mark on the crankcase.

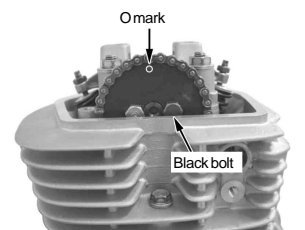


Install the cam chain with the "O" mark on the cam sprocket facing upwards, and fit the cam sprocket into the camshaft.



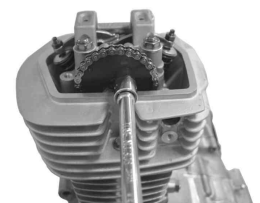
Aligning the bolt hole on the camshaft with the cam sprocket, tighten two hex bolts loosely. At this point, fix a knock bolt (black bolt) on the intake side.

124cc Kit for APE / XR50motorad: Use specified cam sprocket (30T, included in crankshaft kit) 91cc Kit use stock cam sprocket.



Holding a flywheel, tighten up two hex bolts on the cam sprocket.

⚠ Caution: Apply the specified torque.
Torque: 12 N · m (1.2 kgf · m)



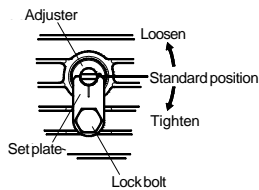
Adjust the cam chain.
By turning flywheel counterclockwise 180 degrees, set up two cam lobes of the camshaft facing upward.



Turning the flywheel by hand, feel the level of tension with the cam sprocket. And turn the flywheel up to the point where you get the proper tension and you can turn the flywheel freely without sticking. At this point, tighten the locking bolt and fix the adjuster.

⚠ Caution: Apply the specified torque.

Torque: 10 N · m (1.0 kgf · m)



In case you can not get the proper tension of the cam chain only by adjustment of the adjuster, then adjust the tension with the adjusting bolt on the cylinder.



⚠ Caution: Apply the specified torque.

Torque: 12 N · m (1.2 kgf · m)

By turning flywheel counterclockwise 180 degrees, set up the "O" mark of cam sprocket straight up, and align the "T" mark of flywheel with the " " mark of crankcase.

Adjust the valve clearance with an adjusting screw.
IN :0.08 (when cold) ± 0.03
EX:0.08 (when cold) ± 0.03



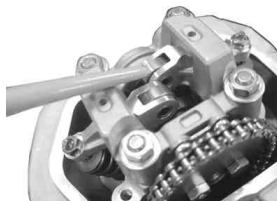
Holding the adjusting screw, tighten the adjusting nut.

⚠ Caution: Apply the specified torque.

Torque: 10 N · m (1.0 kgf · m)



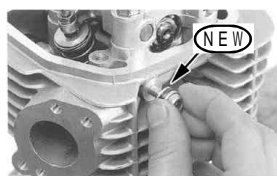
After tightening the nut, insert the thickness gauge again to check the valve clearance.
Fill the oil reservoir on the cylinder head with clean engine oil.



Install the supplied sealing washer and the STD oil check bolt. Then tighten them to the specified torque.

⚠ Caution: Apply the specified torque.

Torque: 8 N · m (0.8 kgf · m)



Install the cylinder head cover and its gasket onto the cylinder head with two cylinder head cover bolts.

⚠ Caution: Apply the specified torque.

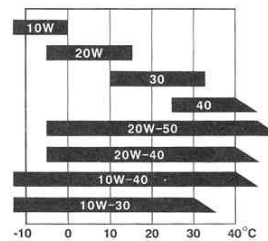
Torque: 12 N · m (1.2 kgf · m)



Now, you have completed the cylinder head installation.

Pour engine oil.
Amount: 1.0 liter

10W - 40 ~ 15W - 50
(Multigrade type)



Referring to a genuine service manual, install the engine to the frame.

⚠ Caution: Be sure to follow the specified torque.

Install a carburetor, following the installation procedures of the carburetor kit.

⚠ Caution: Be sure to follow the specified torque.

Install a muffler, following the installation procedures of the exhaust muffler kit.

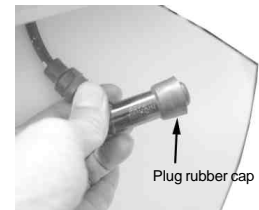
⚠ Caution: Be sure to follow the specified torque.

Engine Starting

Check that the ignition key and the fuel cock are turned off.

Continue kicking the starter for a while to circulate the engine oil throughout the engine.

Remove the plug rubber cap from the STD plug cap, and replace it with the supplied rubber cap.



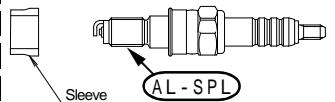
For Ape100 Type D, XR100R and CRF100F, install the included plug cap onto the plug wire, and replace the plug rubber cap with the new one in the kit.



Install the supplied plug rubber cap, and apply the Alumi Special slightly to the threaded portion of spark plug. Then tighten the spark plug to the specified torque.

⚠ Caution: Apply the specified torque.

Torque: 8 ~ 10 N · m (0.8 ~ 1.0 kgf · m)



The type of the spark plug will be changed.
Be sure to use the specified spark plug.

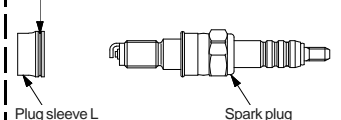
When using the 100 cc kit

Attach the special plug sleeve L (included) to the spark plug, apply a small amount of "aluminum special" to the spark plug's thread part, and tighten with specified installation torque.

The plug sleeve L contains a discrimination mark (line).

Be sure to use plug sleeve with mark.

a discrimination mark (line)



Always use the plug sleeve L included with the piston kit when using it with 100 cc

The spark plug and the piston will interfere Cylinder head If you use incorrectly the plug sleeve.

Please be sure to use it.


NGK : ER8EH

DENSO : Y24FER-C



Please be sure to apply heatproof lubricant agent like "Aluminum Special" slightly to the threaded portion of a spark plug before tightening it, particularly when the spark plug is a new one.

Turn on the gasoline cock and the ignition key to start the engine.


 Warning: Be sure to do the work in a well-ventilated place.

Check for abnormal sounds.

If no problem is detected, do running-in at least 100 to 150 km.

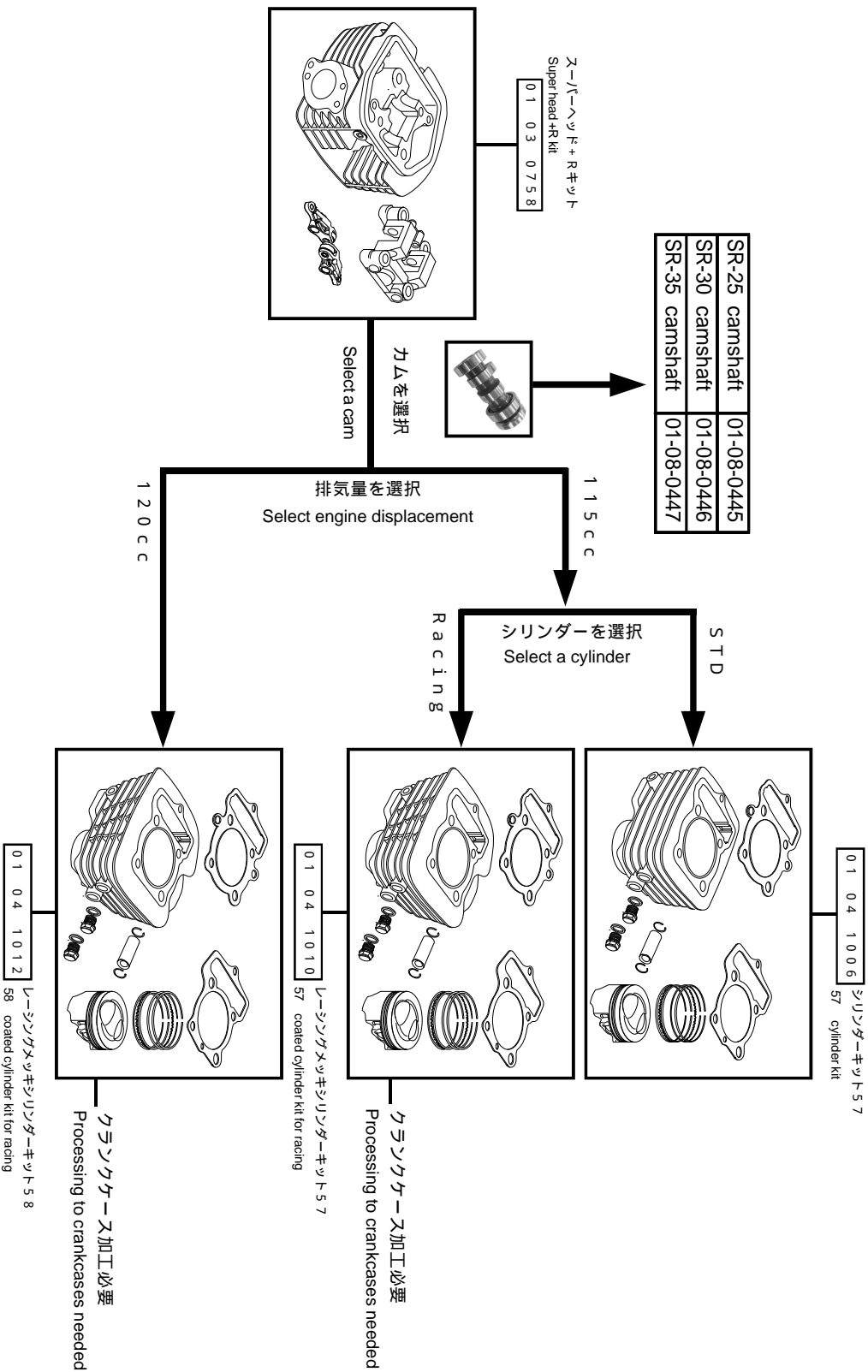
After the initial running-in, check for abnormality such as abnormal sounds or blow-by.

(If there is a problem, disassemble the engine again to check each part.)

 Warning: Never reuse the pistonpin circlip.

Super head+R

ボアアップ 参照表 (115cc、120cc) Reference data on bore-up (115cc,120cc)



01 03 0758 シリンダーヘッドのみで購入された場合、この参照表にてボアアップパーツを検討して下さい。(ノーブルクランク使用時)
(Ape100、XR100MOTRD、XR100R、CRF100F)

(ストロークアップクランクを使用する際も各シリンダーキットは共通で使用出来ます。裏面のボアストロークアップ参照表を参照下さい。)

If you have purchased a cylinder head alone (Item No. 01-03-0758), please study to purchase bore-up parts referring to this reference data.

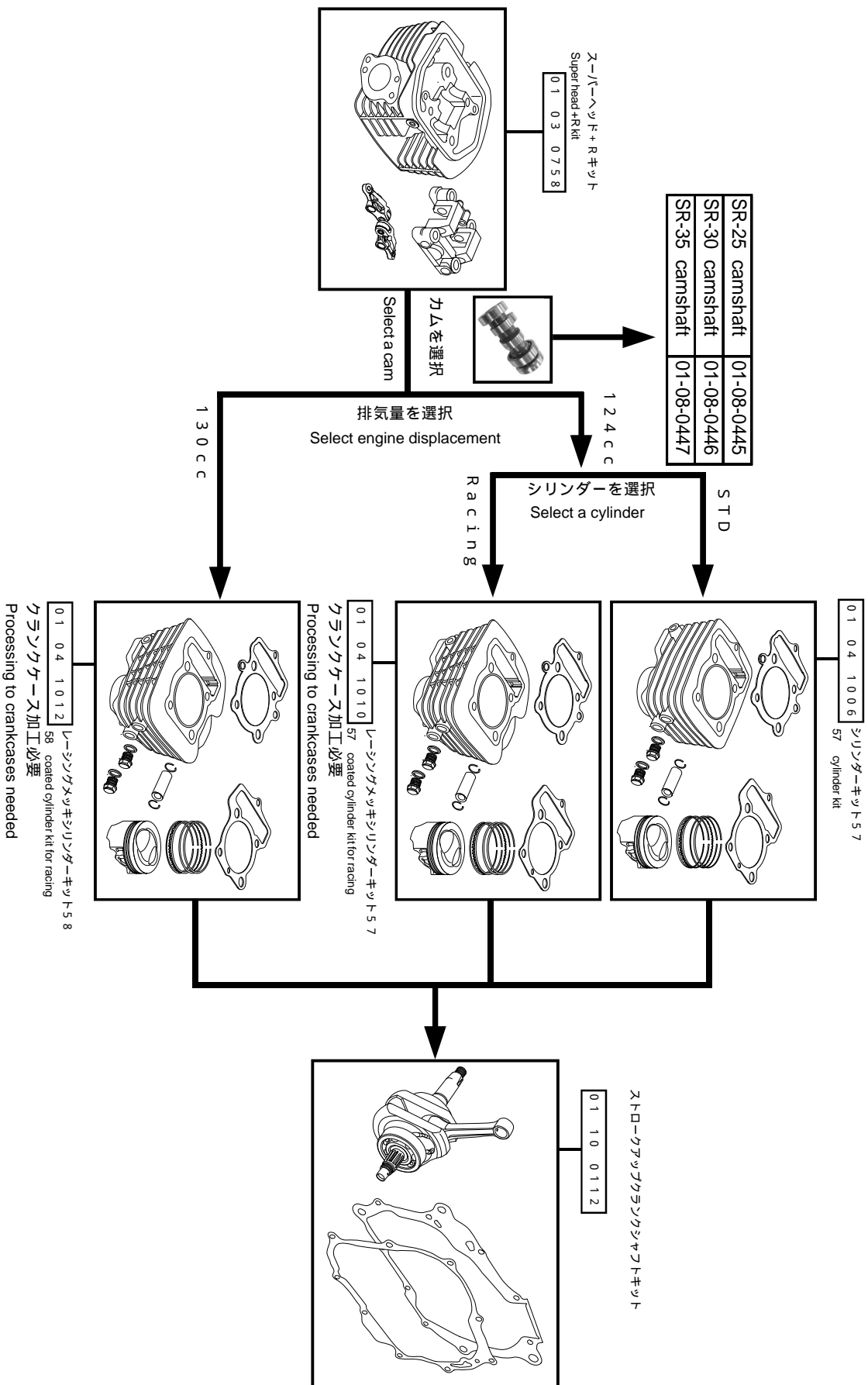
(In the case of using a stock crank on Ape100, XR100MOTARD, XR100R, and CRF100F.)

(Even in case the stroke-up crank is used, these cylinder kits can be used. Please see the attached "Reference data on bore- & stroke-up kit.")

Super head+R

ボア&ストローケアップキット参照表 (124cc、130cc)

Reference data on bore- & stroke-up kit (124cc, 130cc)



01 03 0758 シリンダーヘッドのみで購入された場合、この参照表にてボア&ストローケアップパーツを検討して下さい。
 If you have purchased a cylinder head alone (Item No. 01-03-0758), please study to purchase bore- and stroke-up parts referring to this reference data.
 (Ape100、XR100MOTRD、XR100R、CRF100F)

Super head+R

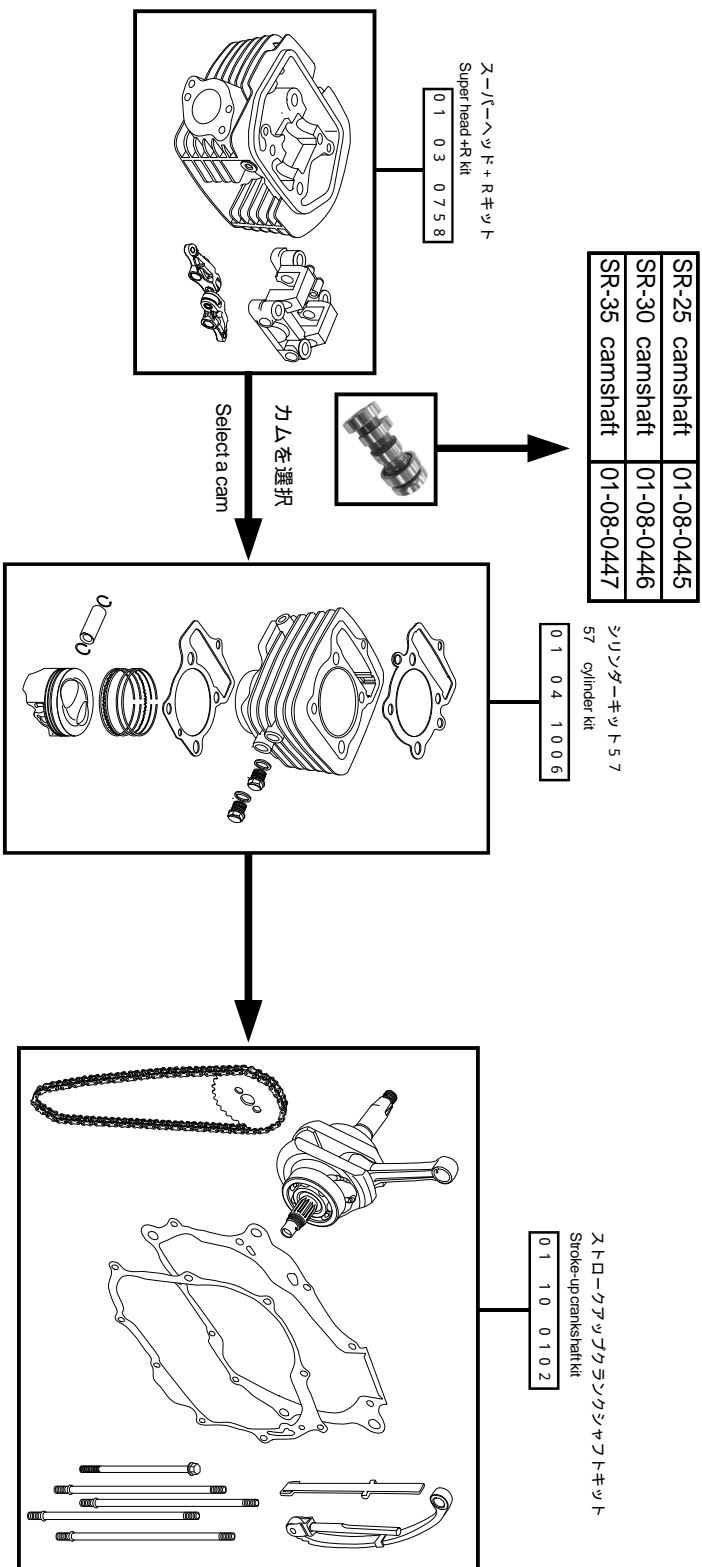
ボア & ストロークアップ参考表 (124cc) Reference data on bore- & stroke-up kit (124cc)

SR-25 camshaft	01-08-0445
SR-30 camshaft	01-08-0446
SR-35 camshaft	01-08-0447

シリンダーキット 57
cylinder kit
01 04 1006

ストロークアップクランクシャフトキット
Stroke-up crankshaft kit
01 10 0102

スーパーヘッド+Rキット
Super head +R kit
01 03 0758



01 03 0758 シリンダーヘッドのみで購入された場合、この参照表にてシリンダーキットとクランクシャフトキットをお選び下さい。
(Ape、XR50MOTARD)
Ape、XR50MOTARDで使用する場合、上記パーツが必要となります。
クランクシャフト加工が必要です。

If you have purchased a cylinder head alone (Item No. :01-03-0758), please select a cylinder kit and crank shaft kit according to this reference data.
(Ape, and XR50MOTARD)

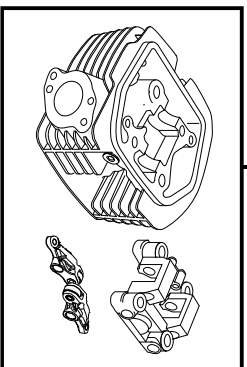
In case this kit is used in the Ape and XR50MOTARD, the parts illustrated above are necessary.
Processing to crankcases is needed.

Super head+B ボアアップ 参照表 (S C U T 1 2 5 c c 、 1 3 6 c c)

Reference data on bore-up (SCUT 125cc, 136cc)

SR-25 camshaft	01-08-0445
SR-30 camshaft	01-08-0446
SR-35 camshaft	01-08-0447

スーパーヘッド+Rキット
Super head+R kit
01 03 0758

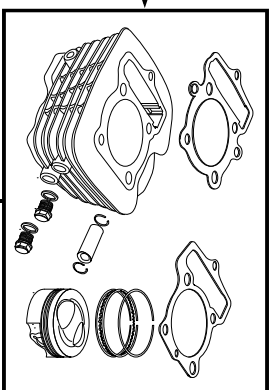


カムを選択

Select a cam

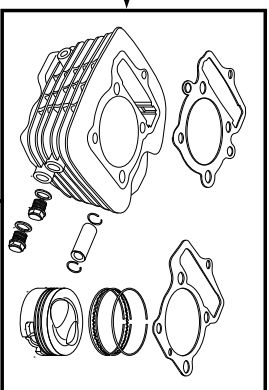
排気量を選択
Select engine displacement

1 2 5 c c



01 04 1014
S C U T シリンダーキット 59.4
SCUT Cylinder Kit, 59.4

1 3 6 c c



01 04 1013
S C U T シリンダーキット 62
SCUT Cylinder Kit, 62

0 1 0 3 0 7 5 8 シリンダーヘッドのみで購入された場合、この参照表にてボアアップパーツを検討して下さい。(ノーサルクラック専用)
(A p e 1 0 0 、 X R 1 0 0 M O T R D 、 X R 1 0 0 R 、 C R F 1 0 0 F)

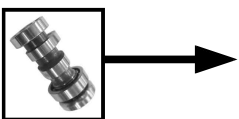
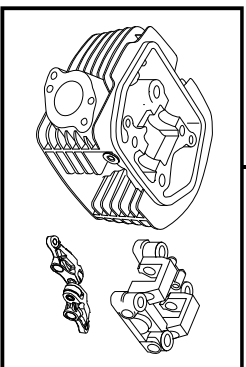
If you have purchased a cylinder head only of Item No. 01-03-0758, please study to purchase parts for bore-up referring to this reference list.
(exclusively for a stock crank)
(Ape100, XR100MOTRD, XR100R, CRF100F)

Super head+R ボアアップ 参照表 (SCUT 146cc)

Reference data on bore-up (SCUT 146cc)

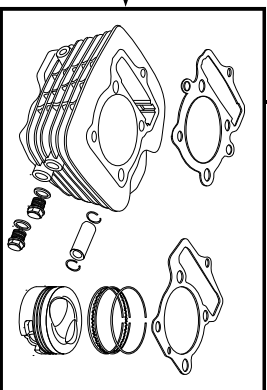
SR-25 camshaft	01-08-0445
SR-30 camshaft	01-08-0446
SR-35 camshaft	01-08-0447

スーパーヘッド+Rキット
Super head+R kit
01 03 0758

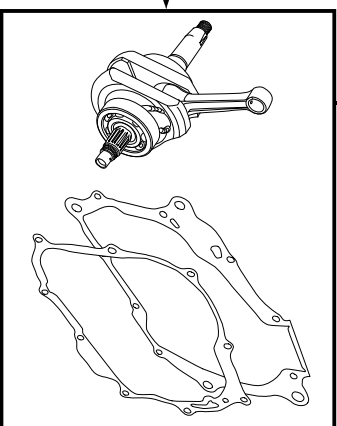


カムを選択
Select a cam

SCUT 146専用シリンダーキット62
SCUT Cylinder Kit.62
01 04 1017



146専用ストローカアップクランクキット
Stroke-up/Crank Kit
for only 146cc Kit
01 10 0117



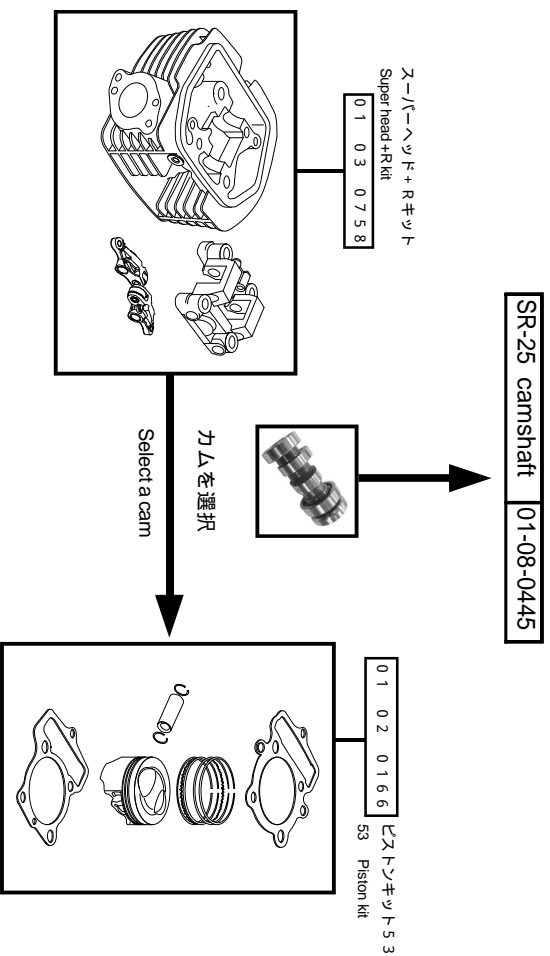
01 03 0758 シリンダーヘッドのみで購入された場合、この参照表にてパーツをご購入下さい。
(Ape100、XR100MOTRD、XR100R、CRF100F)

If you have purchased a cylinder head only of Item No. 01-03-0758, please study to purchase parts to this reference list.
(Ape100, XR100MOTRD, XR100R, CRF100F)

Super head+B

参照表 (100cc)

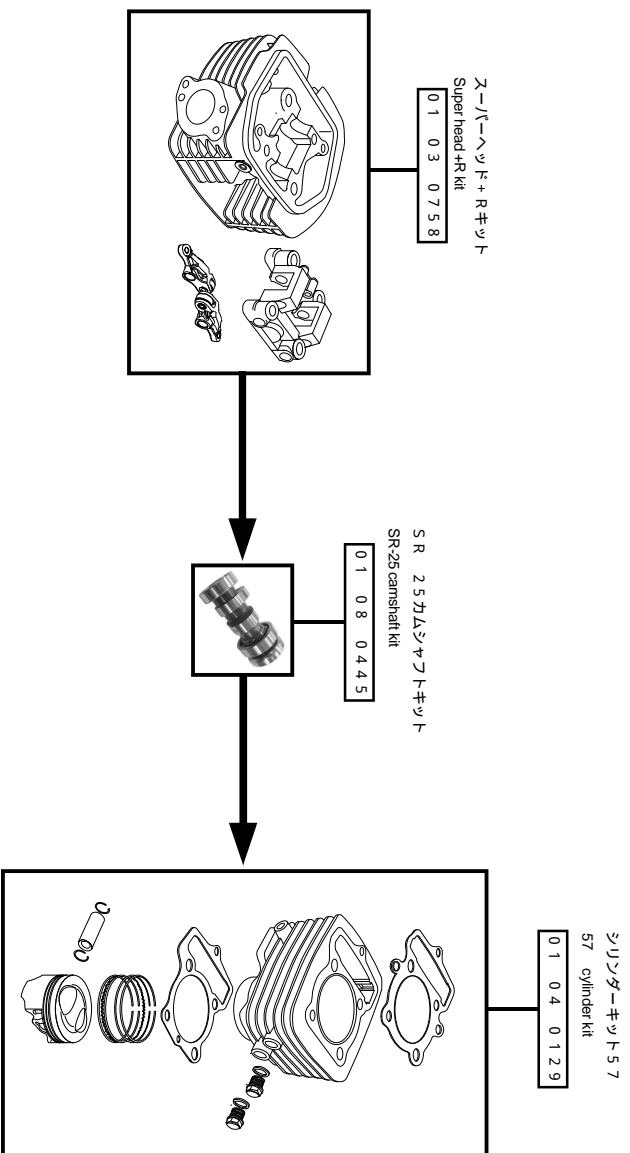
Reference data (100cc)



01 03 0758 シリンダーヘッドのみで購入された場合、この参照表にてパーツを検討して下さい。
(Ape100、XR100MOTRD、XR100R、CRF100F)

If you have purchased a cylinder head only of Item No. 01-03-0758, please study to purchase parts to this reference list.
(Ape100, XR100MOTRD, XR100R, CRF100F)

Super head+R ボアアップ参照表 (9 1 c c) Reference data on bore-up kit (91cc)



01 03 0758 シリンダーヘッドのみで購入された場合、この参照表にてシリンダーキットをお選び下さい。
(Ape、XR50MOTRD)
Ape、XR50MOTRDで使用する場合、上記パーツが必要となります。
クラシックケース加工が必要です。

If you have purchased a cylinder head alone (item No. :01-03-0758), please select a cylinder kit according to this reference data.
(Ape, and XR50MOTARD)

In case this kit is used in the Ape and XR50MOTARD, the parts illustrated above are necessary.
Processing to crankcases is needed.