

			RD.March
ITEM NO.	SHIMANO CODE NO.	DESCRIPTION	INTERCHANGE- ABILITY
1	Y-5WP 98010	B-Axle Assembly	
2	Y-5T8 22000	B-Tension Adjusting Screw (M4 x 12)	AA
3	Y-5VP 98020	Stroke Adjusting Screws (M4 x 14.5) & Plate	A A
4	Y-5VP 98030	Cable Adjusting Bolt Unit	A A
5	Y-5WG 98010	Cable Fixing Bolt Unit	A
6	Y-5WP 98020	Pulley Bolt (M5 x 13.95) 2 pcs.	
7	Y-5VP 98050	Tension & Guide Pulley Set	A
8	Y-5WP 10000	Inner Plate	
A: Same parts.			0802-2808

SHIMANO

A: Same parts.B: Parts are usable, but differ in materirals, appearance, finish, size, etc.Absence of mark indicates non-interchangeability.

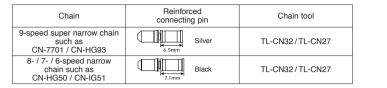
General Safety Information

· Check that the wheels are fastened securely before riding the bicycle. If the wheels are loose in any way, they may come off the bicycle and serious injury may result.

Use neutral detergent to clean the chain. Do not use alkali-based or acid based detergent such as rust cleaners as it may result in damage and/or failure of the chain.

Use the reinforced connecting pin only for connecting the narrow type of chain.

There are two different types of reinforced connecting pins available. Be sure to check the table below before selecting which pin to use. If connecting pins other than reinforced connecting pins are used, or if a reinforced connecting pin or tool which is not suitable for the type of chain is used, sufficient connection force may not be obtained, which could cause the chain to break or fall off



· If it is necessary to adjust the length of the chain due to a change in the number of sprocket teeth, make the cut at some other place than

the place where the chain has been joined using a reinforced connecting pin or an end pin. The chain will be damaged if it is cut at a place where it has been joined with a reinforced connecting pin or

an end pin

Check that the tension of the chain is correct and that the chain is not damaged. If the tension is too weak or the chain is damaged, the chain should be replaced. If this is not done, the chain may break and cause serious injury.

Obtain and read the service instructions carefully prior to installing the parts.

Loose, worn, or damaged parts may cause injury to the rider. We strongly recommend only using

denuine Shimano replacement parts Obtain and read the service instructions carefully prior to installing the parts.

If adjustments are not carried out correctly, the chain may come off and this may cause you to fall off

the bicycle which could result in serious injury. Read these Technical Service Instructions carefully, and keep them in a safe place for later reference.

Note

 If gear shifting operations do not feel smooth, wash the derailleur and lubricate all moving parts. · If the amount of looseness in the links is so great that adjustment is not possible, you should replace the derailleur

You should periodically clean the derailleur and lubricate all moving parts (mechanism and pulleys) If gear shifting adjustment cannot be carried out, check the degree of parallelism at the rear end of

the bicycle. Also check if the cable is lubricated and if the outer casing is too long or too short.

If you hear abnormal noise as a result of looseness in a pulley, you should replace the pulley. If the wheel becomes stiff and difficult to turn, you should lubricate it with grease.

· Do not apply any oil to the inside of the hub, otherwise the grease will come out.

You should periodically wash the sprockets in a neutral detergent and then lubricate them again. In addition, cleaning the chain with neutral detergent and lubricating it can be a effective way of extending the useful life of the sprockets and the chain.

If the chain keeps coming off the sprockets during use, replace the sprockets and the chain Always be sure to use the sprocket set bearing the same group marks. Never

use in combination with a sprocket bearing a different group mark Use a frame with internal cable routing is strongly discouraged as it has tendencies to impair the SIS shifting function due to its high cable resistance.

Use an outer casing which still has some length to spare even when the handlebars are turned all the way to both sides. Furthermore, check that the shifting lever does not touch the bicycle frame when the handlebars are turned all the way.

Grease the inner cable and the inside of the outer casing before use to ensure that they slide properly.

For smooth operation, use the specified outer casing and the bottom bracket cable guide. Operation of the levers related to gear shifting should be made only when the front chainwheel is turnina

Parts are not guaranteed against natural wear or deterioration resulting from normal use. · For maximum performance we highly recommend Shimano lubricants and maintenance products. For any questions regarding methods of installation, adjustment, maintenance or operation, please contact a professional bicycle dealer

Rear Drive System

In order to realize the best performance, we recommend that the following combination be used.

Technical Service Instructions

Series

Туре

Gears Cassette sprocket

Chain

Freehub

Rapidfire Plus

Outer casing

Rear derailleur

Bottom bracket guide

SI-6R3RA-001

Acera

ST-M360 / SL-M360

SP40

RD-M360

SGS

FH-MC18 / FH-RM40-8

CS-HG50-8I

CN-HG50 / CN-HG40

SM-SP17 / SM-BT17 / SM-SP18 / SM-BT18

Reinforced Connecting Pir

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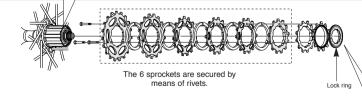
When installing, be careful that deformation is not caused by the B-tension adjustment screw

> coming into contact with the dropout tab

> > Bracket spindle tightening torgu 8 - 10 N·m {70 - 86 in. lbs.}

Installation of the sprockets

For each sprocket, the surface that has the group mark should face outward and be positioned so that the triangle (▲) mark on each sprocket and the A part (where the groove width is wide) of the freewheel body are The groove is wide aligned.



For installation of the HG sprockets, use the special tool (TL-LR15) to tighten the lock ring.

Tightening torque: 30 - 50 N·m {261 - 434 in. lbs.}

To replace the HG sprockets, use the special tool (TL-LB15) and TL-SR21 to remove the lock ring.

Chain length

BD-M360

8

43T

34T

11T

20T

FC-M361 (42T-32T-22T / 48T-38T-28T)

Tooth combination

11, 13, 15, 17, 20, 23, 26, 30T

11, 13, 15, 17, 20, 23, 26, 34T

11, 13, 15, 18, 21, 24, 28, 32T

ST-M360 / SL-M360

EH-MC18 / EH-BM40-8

8

36 / 32

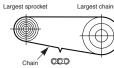
smaller sprocket (Lever B)

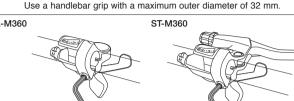
larger to a smaller sprocket.

Press lever (B) once to shift one step from a

FC-M361-8 (42T-32T-22T)

Add 2 links (with the chain on both the





5 N·m SL-M360

and gear shifting operation.

SIS Adjustment

Connect the cable to the

rear derailleur and, after

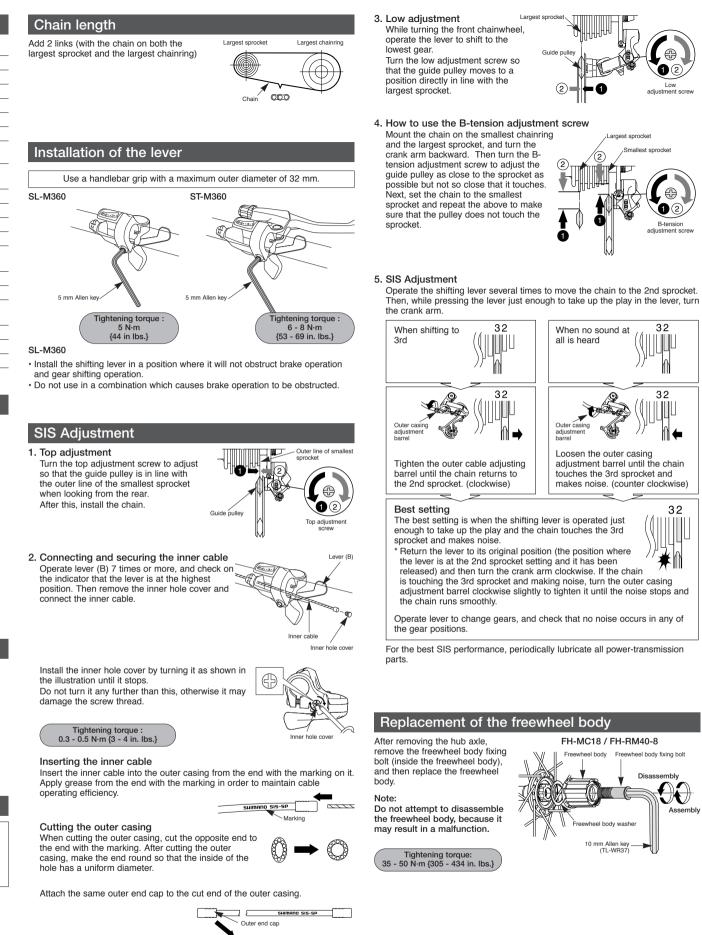
taking up the initial slack in

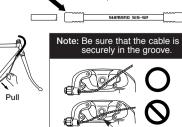
the cable, re-secure to the

rear derailleur as shown in

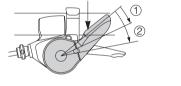
Tightening torque : 5 - 7 N·m {44 - 60 in. lbs.}

the illustration.

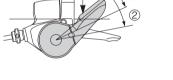




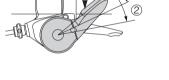
Cut off the excess length of inner cable and then install the inner end cap.

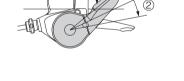


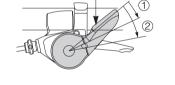








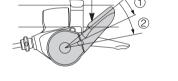












Specifications

Rear Derailleur

Model number

Total capacity

Largest sprocke

Smallest sprocket

Front chainwheel tooth difference

Cassette sprocket tooth combination

Gear shifting operation

To shift one step only, press lever (A) to the (1)

position. To shift two steps at one time, press

Group name

an

ao

aw

Applicable front chainwhee

Gears

Rapidfire Plus

Model number

Freehub

Sprockets

time

Model number

No. of spoke holes

sprocket (Lever A)

to the (2) position

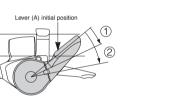
Gears

(chainring tooth configuration

Gears



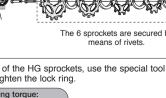




Both lever (A) and lever (B) always return to the initial position when they are released after

To shift from a small sprocket to a larger To shift from a large sprocket to a

shifting. When operating one of the levers, always be sure to turn the crank arm at the same



This service instruction explains how to use and maintain the Shimano bicycle parts which have been used on your new bicycle. For any questions regarding your bicycle or other matters which are not related to Shimano parts, please contact the place of purchase or the bicycle manufacturer.

SHIMANO

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