

## SRD For BMW A1S M3 (F80) DCT/M4 (F82) DCT

Thank you very much for purchasing our product.

Please be sure to read this manual and understand its contents before use.

### Contents of this manual

#### A. Purpose of use/Overview

The purpose of use and overview of the product are described. Please be sure to read this information if you are using the vehicle in which it is installed.

#### B. Contents

All products, accessories, and contents are listed. Please be sure to read this before installation work.

#### C. Installation instructions

This section describes how to install the product. Please be sure to read this manual if you are performing installation work.

#### D. Precautions

This section contains notes regarding the contents of the product and instruction manual. Be sure to read this manual for users of the vehicle to which it will be installed and those who will be installing it.

#### Sai.

#### A. Purpose of use/Overview

• Move the genuine steering switch and paddle shift lever of BMW M3 (F80) DCT/M4 (F82) DCT to our steering boss.

This product is used in combination with the ball lock system Rafix series to change to sports steering. this purpose

Please do not use it for any other purpose.

- Lane departure function will no longer be available. - Only

for right-hand drive cars officially sold in Japan. Installation has not been confirmed for parallel imported cars and left-hand drive cars. -

Cannot be installed on vehicles other than those with compatible steering

switch shapes. - Cannot be used with steering bosses

manufactured by other companies. - This product is compatible with Works Bell's ball lock system Rafix II and Rafix GTC. Made by Works Bell

The welded type of Rafix Racing cannot be installed directly. Rafix Racing bolt type is 3-6 hole adapter

It cannot be installed unless it is used together with the

- It cannot be installed on other companies' products or imitations of our

products. • This product uses a MOMO or NARDI three-spoke steering wheel with a diameter of 350mm and a total height of 40mm.

Designed. Sports type steering wheel with a diameter of 350mm or less, steering wheel with too much or too small overall height, 3

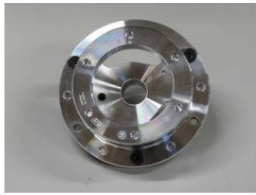
We have not verified the use of steering wheels other than spokes or MOMO or NARDI PCD.

- The instructions for removing genuine parts are excerpted. Please contact the vehicle manufacturer or dealer for details. - This

manual was created for a 2015 model year vehicle. There may be items or photos that differ from the description depending on the model year or grade.

note that.

**B.Contents**



**Boss body**



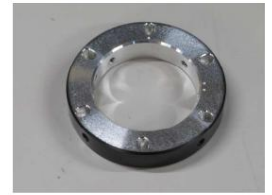
**Paddle shift mount**



**Switch mount**



**Cover**



**spacer**



**Air back canceller**



**Low head bolt M6x10**

(Already built into the boss body)



**Low head bolt M6x12**



**Low head bolt M5x15**



**+Nave head M3x8**

(Already built into the boss body)



**Button bolt M5x30**



**Steering mounting bolt**

**C. Installation instructions**

**Note: Stop the vehicle with the steering wheel running straight, disconnect the battery terminals, and wait about 15 minutes before starting work. Please contact the car manufacturer in advance for information on how to reset the battery by disconnecting the battery terminals.**

**1. Push the spring through the holes on the left and right sides of the genuine steering wheel (diagram j) to unlock the airbag module, and then spiral Remove the coupler from the cable and remove the airbag module.**



2. Remove the coupler connected to the spiral cable, remove the center bolt, and remove the genuine steering wheel. Tapping screw (black) at 6 o'clock direction on the back side of the bezel (diagram ȳ) and tapping screws on the front side at 3 o'clock and 9 o'clock directions - (silver) and remove the bezel.



3. From the genuine steering wheel, remove each wiring, steering switch, and paddle shift lever. I'll remove it.

I'll remove it.

Note: At this time, the paddle shift couplers are the same for both left and right sides, so you will know the combination later.

Please mark accordingly.

\*4 genuine tapping screws (silver) and lane departure vibration generator unit is not used.



4. Place the genuine switch on the switch mount and insert the genuine tapping screw from the back side. (black). The right side will be removed later, so temporarily tighten the tapping screw. Please keep this in mind.

\*Be careful not to overtighten as the other party is made of resin.



5. Place the paddle shift lever on the paddle shift mount and install the genuine tapping screw. (black).

\*Be careful not to overtighten as the other party is made of resin.



6. Attach the spacer to the paddle shift mount from the 4 sides using the included low head bolts 5x15. Attach the server.

Note: Turn the two notches on the back side so that the notches are facing 3 o'clock and 9 o'clock on the clock.

Please install it.



7. Attach the switch mount to the boss using the included low head bolt M6x12.

(Figure

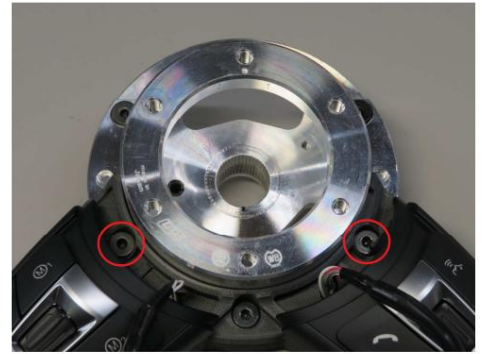
ÿ) Tightening torque 2.0 to 2.5 N•m (0.2 to 0.25 kgf•m) \*Be

careful not to overtighten! If you tighten it too much, the resin will be crushed and damaged.

The three M6x10 low-head bolts assembled into the boss body are tightened to the specified torque.

vinegar. When removed, tighten to the specified tightening torque.

Tightening torque 5.2 to 7.2N•m (0.5 to 0.7kgf•m)



8. Remove the temporarily fixed right steering switch and connect the genuine wiring coupler.

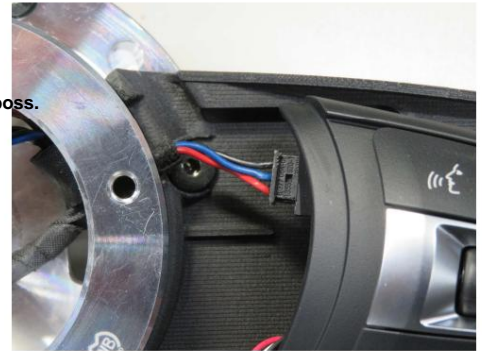
Pass the steering switch from the inside of the boss to the outside using the oval hole on the side of the boss.

Connect with

After connecting the coupler, screw the steering switch with the genuine tapping screw (black).

Attach it to the switch mount. \*Be careful not

to overtighten as the other party is made of resin.

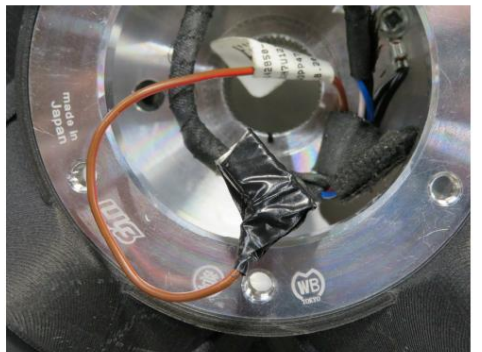


9. Attach the ground of the genuine wiring to the bottom of the boss using the included + pan head M3x8 screw.

erase. (Figure ÿ)



10. Wrap insulating tape around the horn + flat terminal.



11. Put on the boss cover.





12, Connect the included airbag canceller to the spiral cable. Install it with the wire coming out on the left side as shown in the diagram on the left.



13, Connect the genuine wiring to the spiral cable, and align the top position of the boss with the shaft. Insert the genuine center bolt to the specified torque of 62N•m (6.2kgf•m).

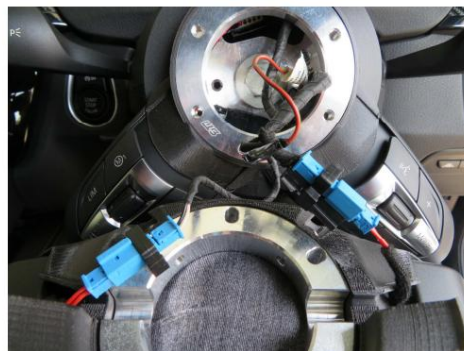
Is included.

Note: Degrease the shaft taper and serrations with parts cleaner, etc.

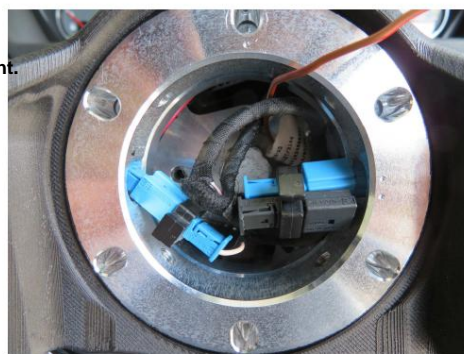
Please.



14, Connect the paddle shift left and right couplers to the genuine wiring.



15, Place the paddle shift mount on the top of the boss. At this time, pass the wire through the notch on the back of the spacer, being careful not to get the wire caught. Please.



16, Connect the black wire on the Rafix II plug side to the ground ring, and connect the red wire to the genuine wiring horn. Connect the + wire. (The illustration is explained using Rafix II.)

When installing a Rafix GTC, connect the outside of the blue wire on the back of the GTC to the ground ring. Connect the inside of the blue wire to the genuine wiring horn + wire.

\*Earth ring is included with the Rafix series.



17, Store all the wiring inside the boss and use the supplied button bolt M5x30 to secure the pad.  
Tighten the Lushift mount and Rafix II plug together.

\*The 6 button bolts included in the Rafix series are not used.



18, Installation of Rafix II socket side and Rafix GTC steering side  
Please install according to the instructions included with the Rafix series.

stomach.



19, Please connect the battery terminals.  
If you need to reset the settings, please follow the instructions specified by the manufacturer.

\*An error will appear when you press the lane departure button, but it will disappear automatically when you restart the engine.

In rare cases, an auto cruise failure and error may occur when the engine is started, but it will automatically recover immediately and the auto cruise function will continue.

We have confirmed that it works.

#### D. Precautions

- After installation is complete, operate the steering wheel and check for any abnormalities. Correct wiring was not done, and the vehicle side  
Steering operation may become difficult if the spiral cable is pushed by wiring. Also, drive in that condition. \_\_\_\_\_  
If you continue, vehicle parts may be damaged. be careful. \_\_\_\_\_

•Before operating the vehicle, be sure to confirm that each installed part is secured. If looseness occurs during operation, steering will occur.  
This is extremely dangerous as you will not be able to operate the ring.

- Please do not modify or use this product. • Please  
carefully store the removed genuine steering wheel and parts. When returning to the original state for some reason  
You will need. Our company cannot be held responsible for this.

- Our products are carefully inspected and shipped after confirming that there are no defects. However, if there is a quality problem, please contact us.  
Please contact us. At this time, you may have to send the product to us once. The above genuine parts are required.  
If you do not do the work yourself, you can expect to incur labor charges, but we do not charge genuine parts and labor charges.  
Please note that we cannot guarantee the warranty.

- Please keep this manual together with this product.

## Works Bell Co., Ltd.

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