

# Parts and Accessories Bulletin



Suzuki Marine USA, LLC

BULLETIN NO. PA 21-19

DATE: October 11, 2021

## S.P.C. 1.0 Controls / 4-Series Engine Adapter

Connecting S.P.C. 1.0 controls to the new 4-series engines is possible with the SPC 1.0 adapter, part number **36623-98LB1**. This adapter is only required when using S.P.C. 1.0 Controls with new 4-series engines. One adapter is required per engine. See below for compatibility chart and following pages for installation instruction manual.

We anticipate the adapter being available to ship the week of October 11th. If you require this adapter, please place your order through Suzuki Connect. Please note, your order will go to backorder, but will be released as soon as stock is available.

Please see bulletin PA21-18 for information regarding S.P.C. 1.0 availability and backorder cancellation.

Compatibility Chart		Suzuki Digital Outboard Series	
		3-Series and Prior	4-Series and Forward
Suzuki Precision Control Version	1.0	✓	36623-98LB1 Adapter Harness Needed
	2.0	X	✓



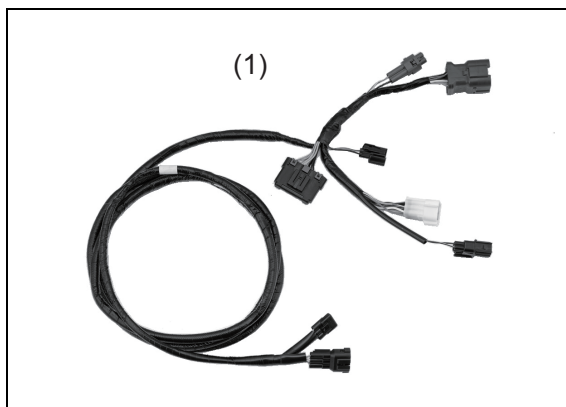
Part Number	Description	Dealer Net	Retail
36623-98LB1	S.P.C. 1.0 Adapter	\$56.04	\$93.40

# INSTALLATION INSTRUCTIONS

Description: **Engine Adapter Wire**  
Applicable Model: DF115BG/140BG, DF150AP-200AP  
DF250AP/300AP, DF300B-350A

Installation Time: 0.5 h  
Part No.: 36623-98LB\*

## CONTENTS

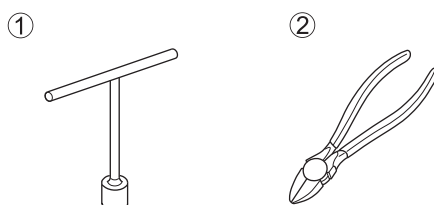


Ref.	Description	Q'ty
(1)	ENGINE ADAPTER WIRE	1

\*The clamp must be purchased separately.  
The recommended clamp is Part No. 09407-14407.  
Use clamps with a width of 3.4 mm or more.

Number of clamps required	
Applicable Model	Q'ty
DF115BG/140BG	3
DF150AP-200AP	1
DF250AP/300AP	0
DF300B-350A	1

## TOOL REQUIRED



Ref.	Description
①	T-wrench (8 mm, 10 mm)
②	Diagonal cutter

## IMPORTANT

### ⚠ WARNING / ⚠ CAUTION / NOTICE / NOTE

Please read this manual and follow its instructions carefully. To emphasize special information, the symbol ⚠ and the words **WARNING**, **CAUTION**, **NOTICE** and **NOTE** have special meanings. These special meanings are applied except when laws or regulations require the signal words to be used with different meanings. Pay special attention to the messages highlighted by these signal words.

## PRECAUTION BEFORE INSTALLATION

### ⚠ WARNING

Indicates a potential hazard that could result in death or serious injury.

### ⚠ CAUTION

Indicates a potential hazard that could result in minor or moderate injury.

### NOTICE

Indicates a potential hazard that could result in damage to the motor or boat.

*NOTE: Indicates special information to make maintenance easier or instructions clearer.*

### NOTICE

**Improper installation of this wire may cause equipment damage.**  
**Only your authorized Suzuki outboard motor dealer or a qualified service mechanic should perform installation of this wire.**

- Stop the engine.
- Disconnect the battery leads from the battery.
- Make sure that the engine is sufficiently cooled.

**INSTALLATION**
**DF115BG/140BG**

Applicable model and effective serial number:

- 11505F/Z-240001 and later.
- 14004F/Z-240001 and later.

1. Remove the engine cover and the STBD and PORT side cover.
2. Disconnect the PTT switch connector.
3. Lay out the engine adapter wire (1) as shown in Fig. 1.

**NOTE:**

Route the engine adapter wire (1) under the throttle body.

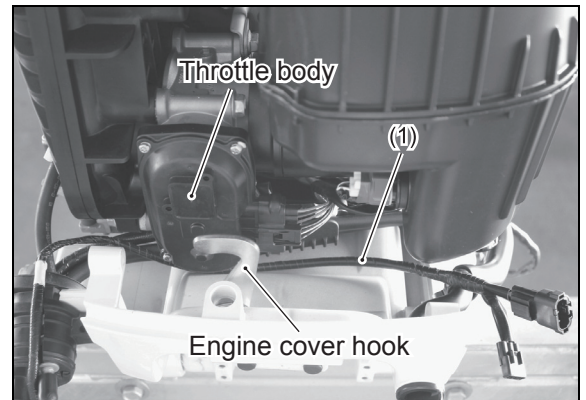


Fig. 1

**NOTICE**

**Make sure that the engine adapter wire (1) does not interfere with the engine cover hook.**

4. Attach the PORT side cover temporarily.
  5. Connect the engine adapter wire (1) to the PTT switch connector (A) and engine harness connector (B) as shown in Fig. 2 and Fig. 3.
- Use the clamp to tighten the PTT switch connector above the engine adapter wire (1) as shown in Fig. 2 so that the engine adapter wire (1) does not contact any other parts.
- Cut off the excess of the clamp.

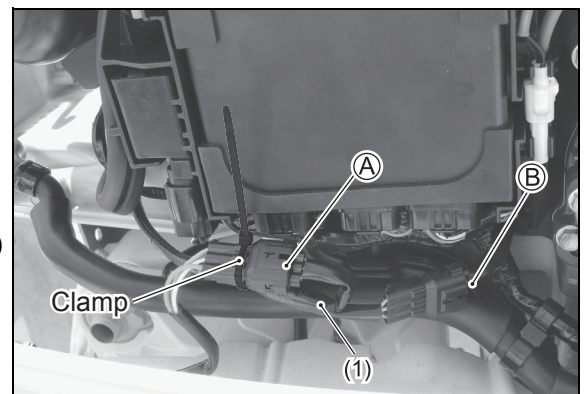


Fig. 2

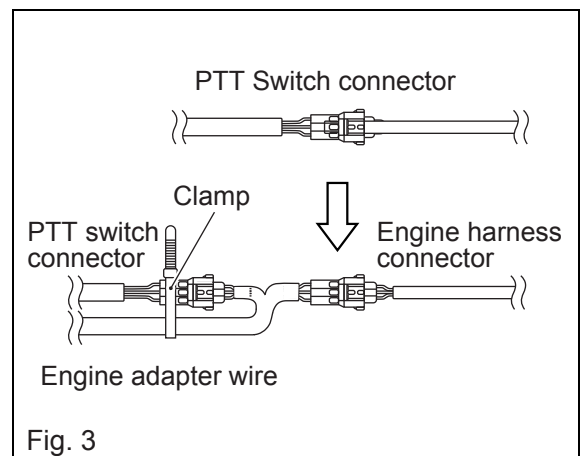


Fig. 3

**CAUTION**

The cut surface of the clamp may cause injury.

6. Install the PORT side cover.

Tightening torque
Side cover screw : 3.0 N·m (0.3 kgf-m, 2.2 lbf-ft)

### **NOTICE**

**Be careful not to pinch the wire when installing the side cover.**

7. Fix the engine adapter wire (1) to the lower side of the battery cable using the clamp as shown in Fig. 4.  
Cut off the excess of the clamp.

### **CAUTION**

**The cut surface of the clamp may cause injury.**

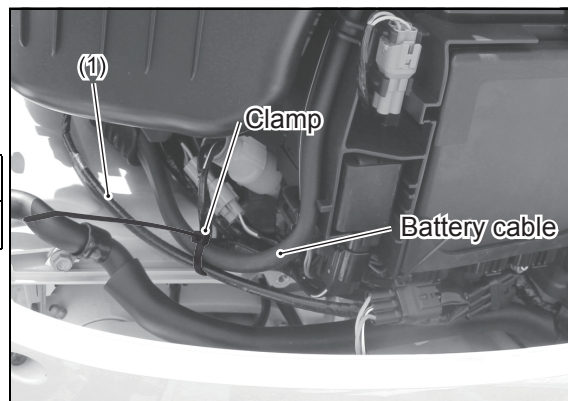


Fig. 4

8. Cut the grommet as shown in Fig. 5.  
9. Pass the engine adapter wire (1) through the position of the grommet as shown in Fig. 5.

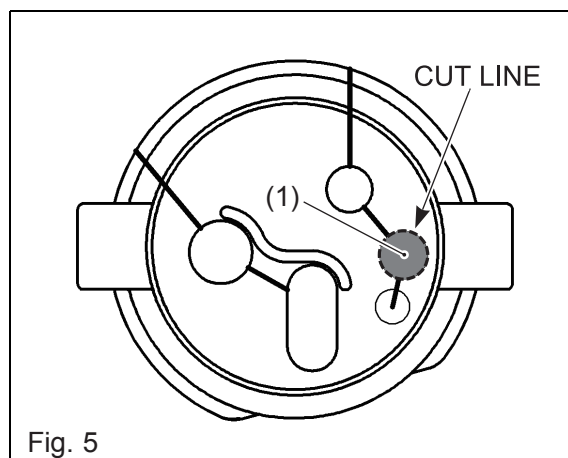


Fig. 5

10. For 36623-98LB0, place the grommet 120 mm from the front edge of the white tape as shown in Fig. 6.

### 36623-98LB0

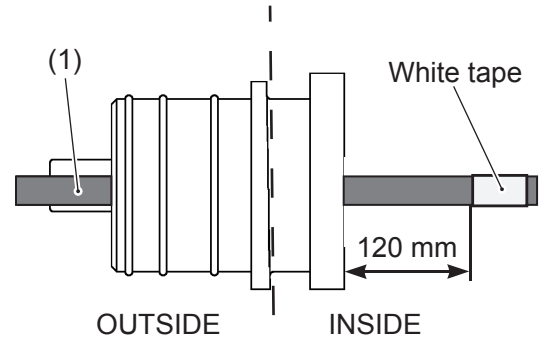


Fig. 6

11. For 36623-98LB1 or later, align the back end of the grommet with the front end of the gray tape as shown in Fig. 7.

### 36623-98LB1 or later

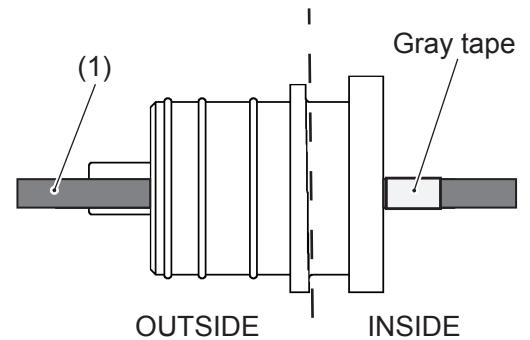


Fig. 7

12. Fix the engine adapter wire (1) to the engine harness with clamp as shown in Fig. 8.

Cut off the excess of the clamp.

### ⚠ CAUTION

The cut surface of the clamp may cause injury.

13. Install the STBD side cover and the engine cover.

### Tightening torque

Side cover screw : 3.0 N·m (0.3 kgf-m, 2.2 lbf-ft)

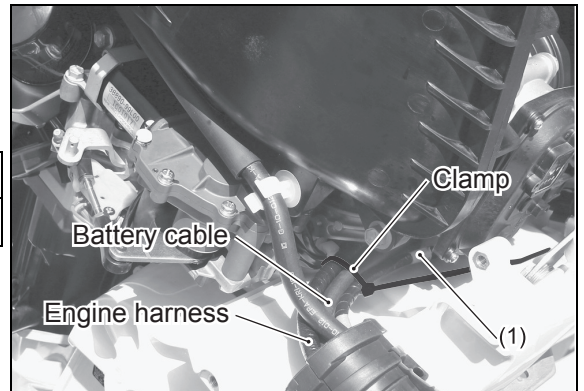
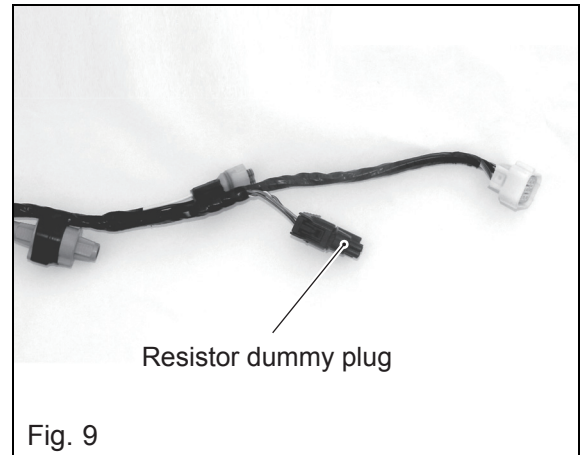


Fig. 8

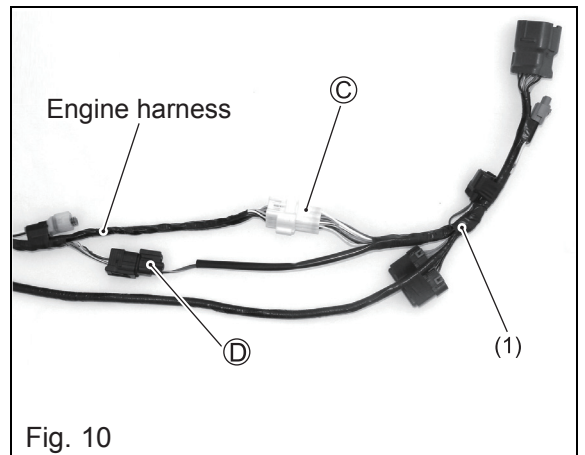
### NOTICE

Be careful not to pinch the wire when installing the side cover.

14. Remove the resistor dummy plug from the engine harness.



15. Connect the connector ③ and the connector ④ of the engine adapter wire (1) to the engine harness as shown in Fig. 10. Refer to the 21MY model setup manual regarding connection of other connectors.





## DF150AP-200AP

Applicable model and effective serial number:

- 15003P-240001 and later.
- 17503P-240001 and later.
- 20003P-240001 and later.

1. Remove the engine cover and the STBD side cover.
2. Lay out the engine adapter wire (1) as shown in Fig. 1.

### NOTE:

Route the engine adapter wire (1) between the engine and the engine cover hook.

### NOTICE

**Make sure that the engine adapter wire (1) does not interfere with the engine cover hook.**

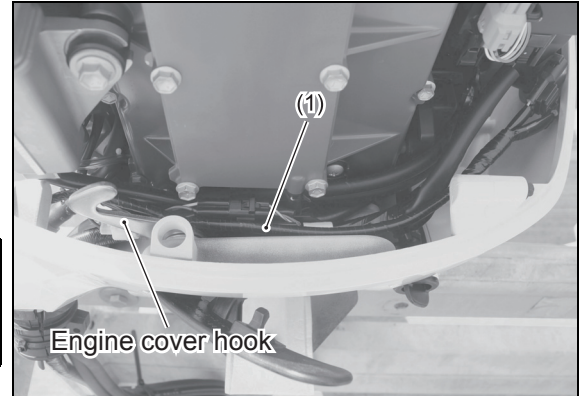


Fig. 1

3. Disconnect the PTT switch connector.
4. Connect the engine adapter wire (1) to the PTT switch connector (A) and the engine harness connector (B) as shown in Fig. 2 and Fig. 3.

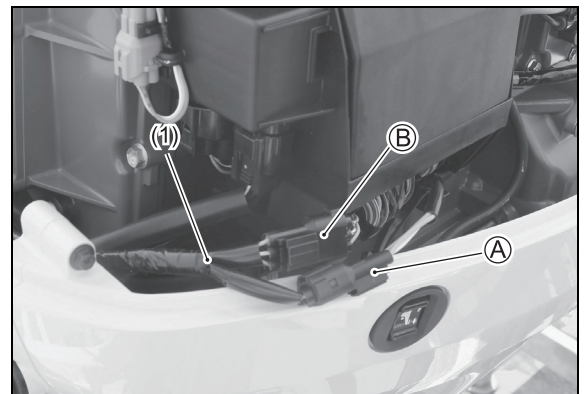


Fig. 2

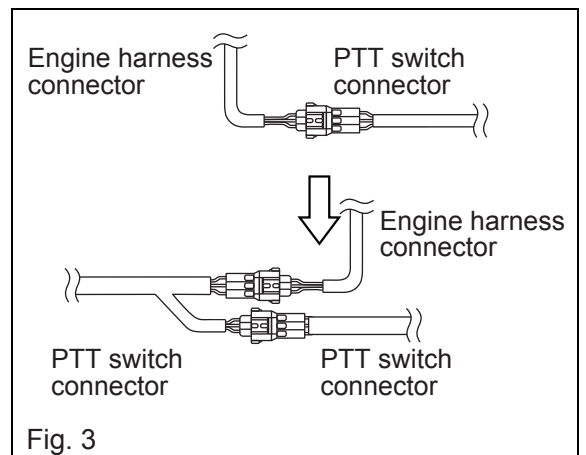


Fig. 3

5. Fix the engine adapter wire (1) to the engine harness © using the clamp as shown in Fig. 4.  
Cut off the excess of the clamp.

**⚠ CAUTION**

The cut surface of the clamp may cause injury.

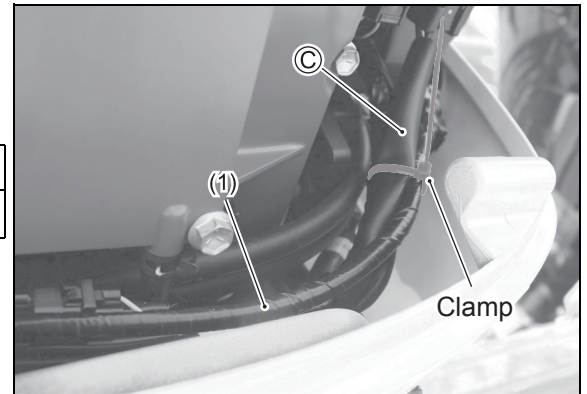


Fig. 4

6. Cut the grommet as shown in Fig. 5.
7. Pass the engine adapter wire (1) through the position of the grommet as shown in Fig. 5.

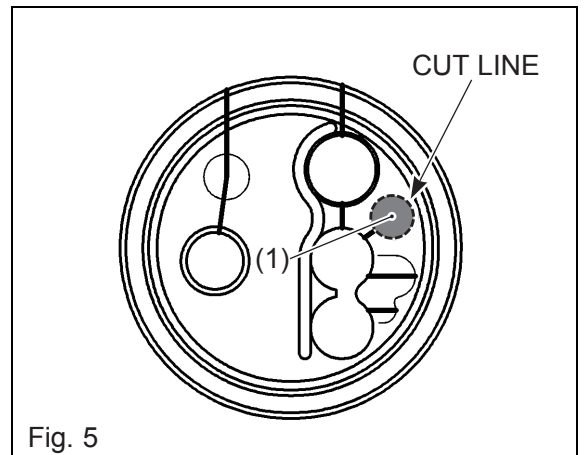


Fig. 5

8. Align the back end of the grommet with the front end of the white tape as shown in Fig. 6.
9. Install the STBD side cover and the engine cover.

**Tightening torque**

Side cover screw : 3.0 N·m (0.3 kgf-m, 2.2 lbf-ft)

**NOTICE**

Be careful not to pinch the wire when installing the side cover.

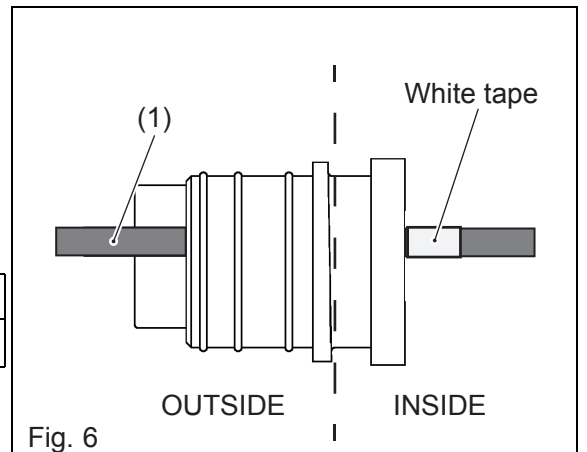
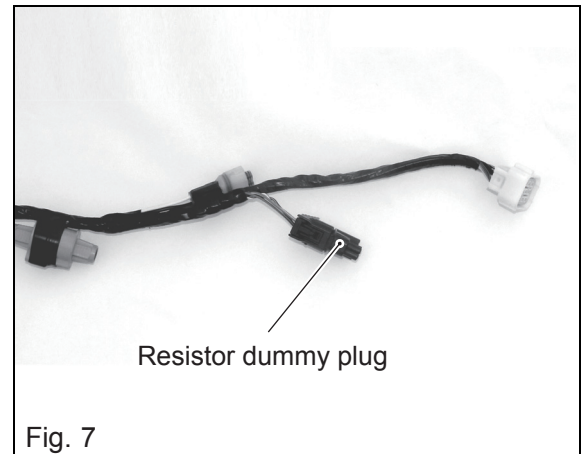
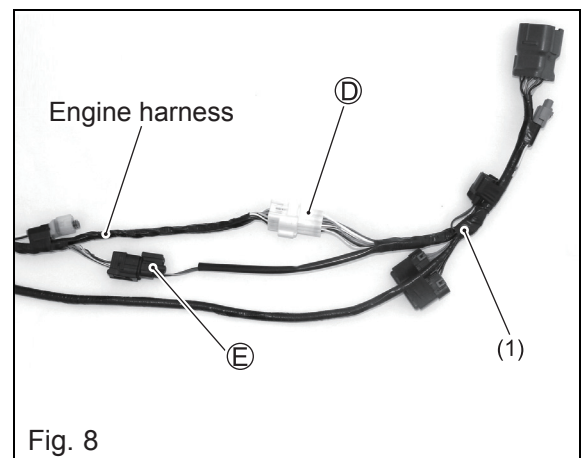


Fig. 6

10. Remove the resistor dummy plug from the engine harness.



11. Connect the connector ④ and connector ⑤ of the engine adapter wire (1) to the engine harness as shown in Fig. 8. Refer to the 21MY model setup manual regarding connection of other connectors.



**DF250AP/300AP**

Applicable model and effective serial number:

- 25003P-240001 and later.
- 30002P-240001 and later.

1. Remove the engine cover and the STBD and PORT side cover.
2. Disconnect the PTT switch connector.
3. Lay out the engine adapter wire (1) as shown in Fig. 1 and Fig. 2.

**NOTE:**

*Route the engine adapter wire (1) between the engine and the engine cover hook.*

**NOTICE**

**Make sure that the engine adapter wire (1) does not interfere with the engine cover hook.**



Fig. 1

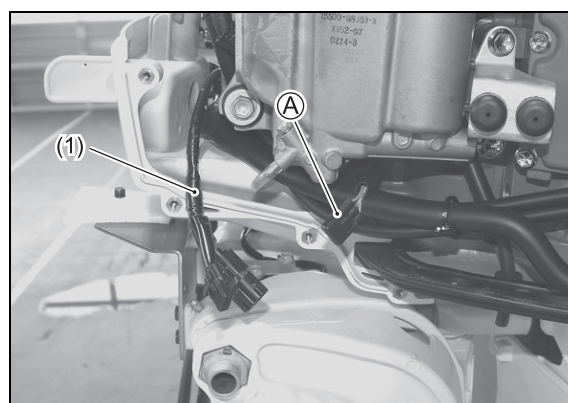


Fig. 2

4. Attach the PORT side cover temporarily.
5. Connect the engine adapter wire (1) to the PTT switch connector (A) and the engine harness connector (B) as shown in Fig. 3 and Fig. 4.

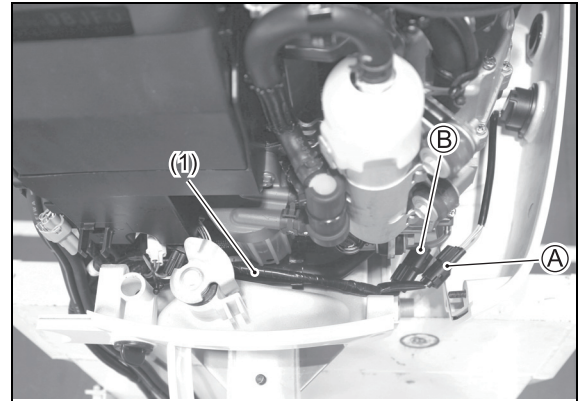


Fig. 3

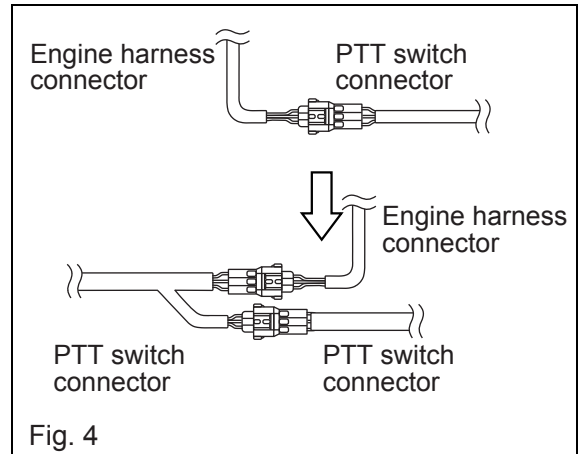


Fig. 4

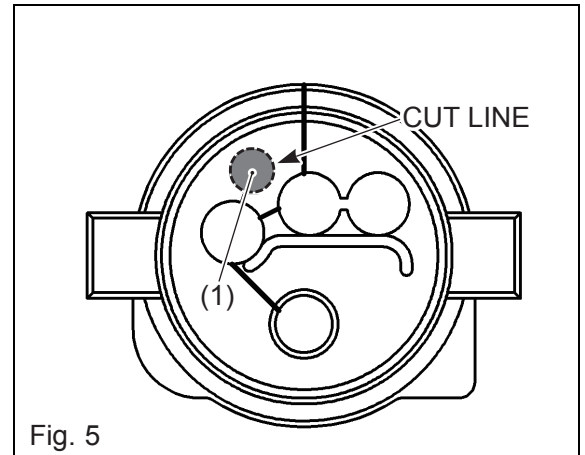
6. Install the PORT side cover.

Tightening torque
Side cover screw : 3.0 N·m (0.3 kgf-m, 2.2 lbf-ft)

### **NOTICE**

**Be careful not to pinch the wire when installing the side cover.**

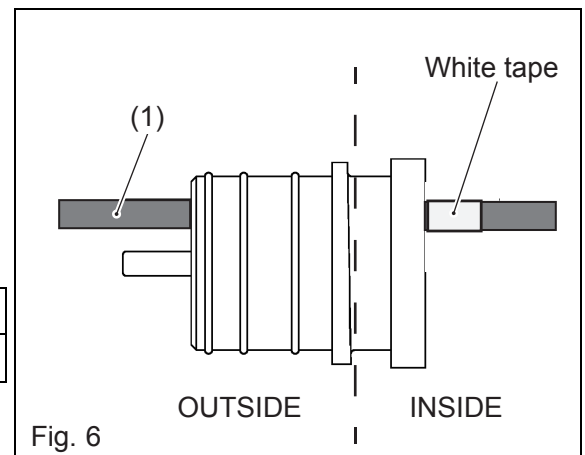
7. Cut the grommet as shown in Fig. 5.
8. Pass the engine adapter wire (1) through the position of the grommet as shown in Fig. 5.



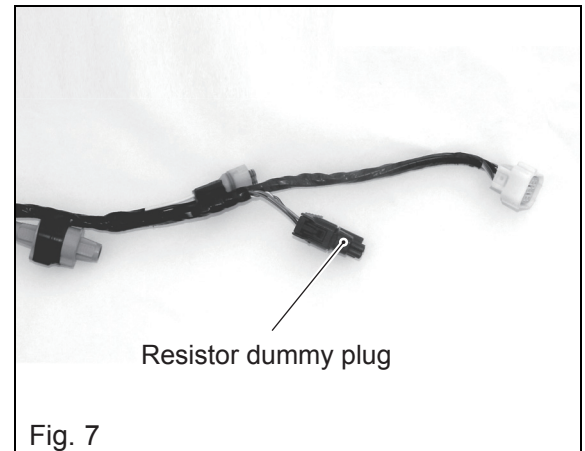
9. Align the back end of the grommet with the front end of the white tape as shown in Fig. 6.
10. Install the STBD side cover and the engine cover.

Tightening torque
Side cover screw : 3.0 N·m (0.3 kgf-m, 2.2 lbf-ft)

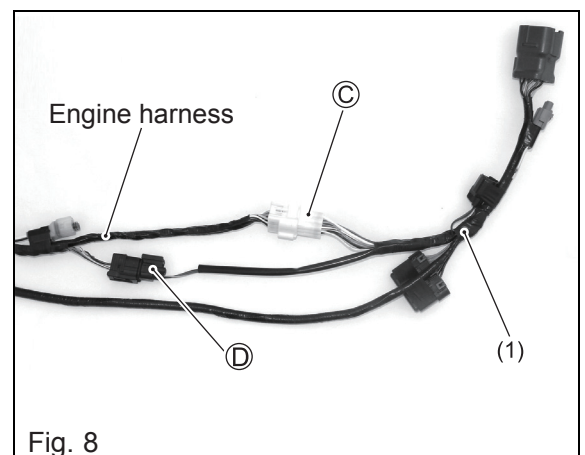
<b>NOTICE</b>
<b>Be careful not to pinch the wire when installing the side cover.</b>



11. Remove the resistor dummy plug from the engine harness.



12. Connect the connector ㉓ and the connector ㉔ of the engine adapter wire (1) to the engine harness as shown in Fig. 8. Refer to the 21MY model setup manual regarding connection of other connectors.





### DF300B-350A

Applicable model and effective serial number:

- 30003F-240001 and later.
- 32501F-240001 and later.
- 35001F-240001 and later.

1. Remove the engine cover, the rear panel, the STBD and PORT side cover.
2. Disconnect the PTT switch connector.
3. Remove the bolts (A) and the front ring gear cover (B) as shown in Fig. 1.

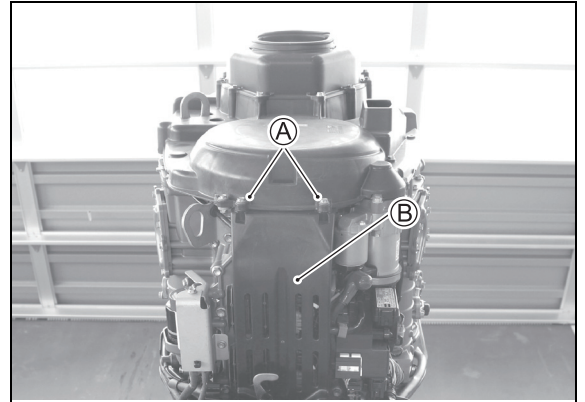


Fig. 1

4. Pass the engine adapter wire (1) between the engine harness (C) and the water flush hose (D) as shown in Fig. 2.

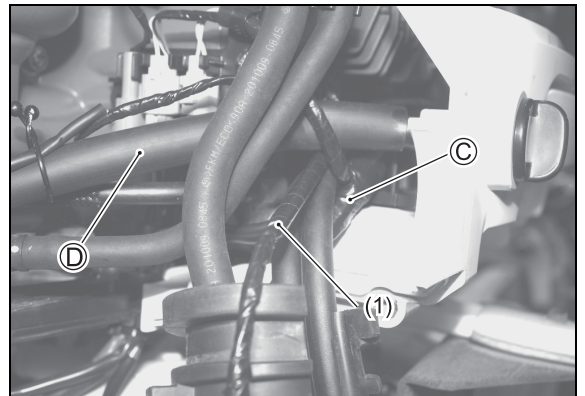


Fig. 2

5. Lay out the engine adapter wire (1) as shown in Fig. 3.

**NOTE:**

Route the engine adapter wire (1) to the upper side of the engine harness (C).

### NOTICE

**Make sure that the engine adapter wire (1) does not interfere with the engine cover hook.**

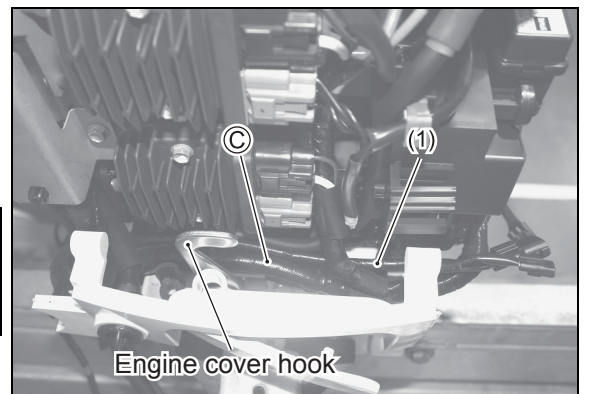


Fig. 3

6. Attach the PORT side cover temporarily.
7. Connect the engine adapter wire (1) to the PTT switch connector (E) and the engine harness connector (F) as shown in Fig. 4 and Fig. 5.
8. Fix the engine adapter wire (1) to the upper side of the main harness using the clamp as shown in Fig. 4.  
Cut off the excess of the clamp.

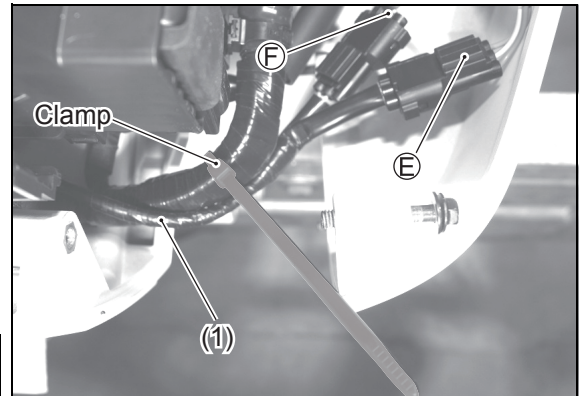


Fig. 4

### ⚠ CAUTION

The cut surface of the clamp may cause injury.

9. Install the PORT side cover.

#### Tightening torque

Side cover screw : 3.0 N·m (0.3 kgf-m, 2.2 lbf-ft)

### NOTICE

Be careful not to pinch the wire when installing the side cover.

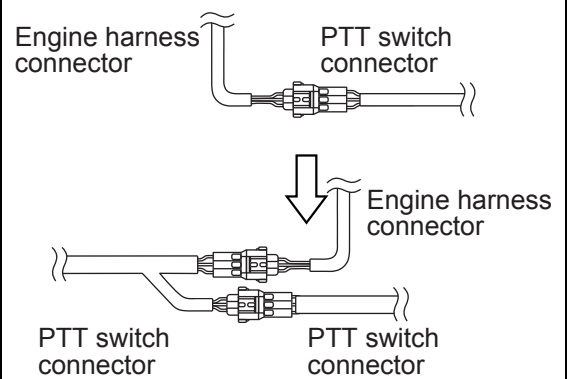


Fig. 5

10. Install the front ring gear cover (B) and the bolts (A) as shown in Fig. 6.

### NOTICE

Do not pinch the engine adapter wire (1) on the front ring gear cover (B).

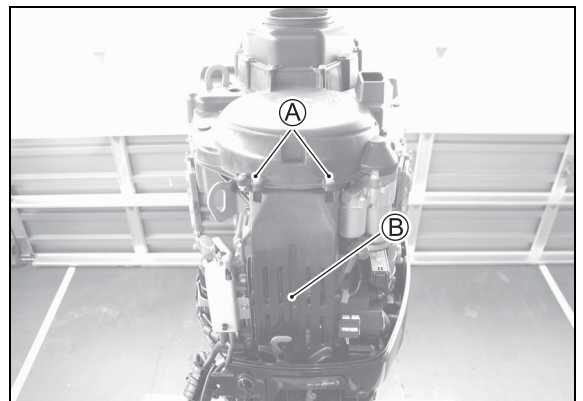
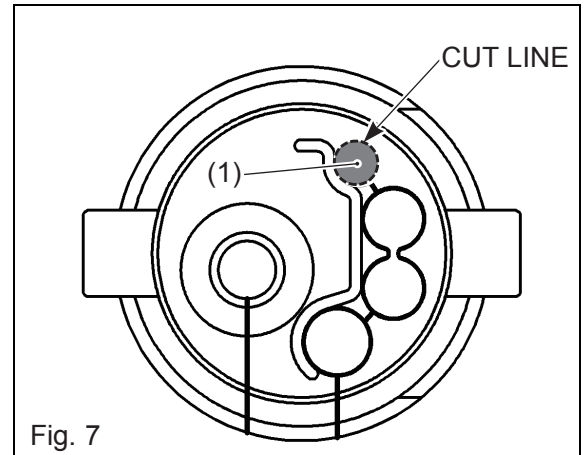


Fig. 6

11. Cut the grommet as shown in Fig. 7.
12. Pass the engine adapter wire (1) through the position of the grommet as shown in Fig. 7.

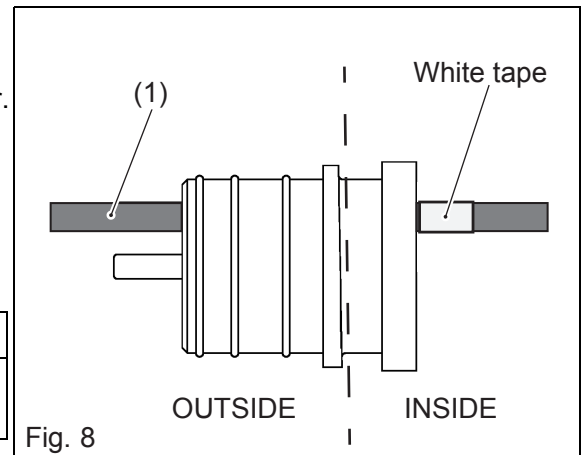


13. Align the back end of the grommet with the front end of the white tape as shown in Fig. 8.
14. Install the STBD side cover, the rear panel, and the engine cover.

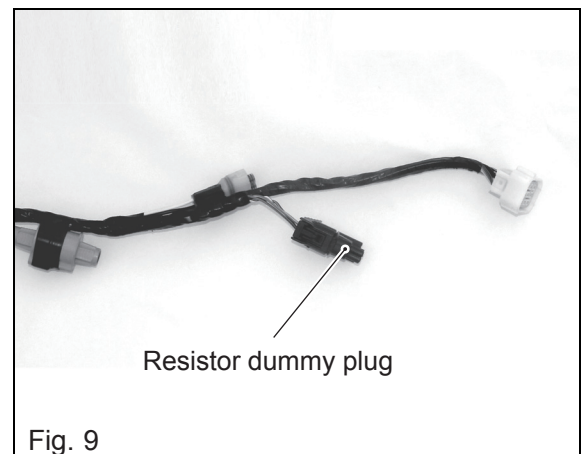
Tightening torque
Side cover screw : 3.0 N·m (0.3 kgf-m, 2.2 lbf-ft)

### NOTICE

**Be careful not to pinch the harness when installing the side cover.**



15. Remove the resistor dummy plug from the engine harness.



16. Connect the connector ③ and the connector ④ of the engine adapter wire (1) to the engine harness as shown in Fig. 10. Refer to the 21MY model setup manual regarding connection of other connectors.

