

# SMART ACCEL CONTROLLER

# A' PEXi Original Vehicle Specific Harness

## Instruction Manual

Thank you for purchasing this product. Please read all of this manual to ensure proper usage. Also, please keep this manual in a safe place for future reference. Be sure to provide this manual to the next user in case of ownership change.

**Before Installation and Use**

- This product is the Apexi Original Vehicle Specific Harness to be used in conjunction with our Apexi Smart Accel Controller.
- Read the enclosed Instruction Manual carefully and ensure that this product is applicable to your vehicle by referring to the Vehicle Application List.
- Read the Instruction Manual carefully and follow installation according to the Manual. This Instruction Manual applies only to the Installation of the Apexi Original Harness.

### 1 Safety Precautions

Please read "Safety Precautions" carefully to operate the product with safety. Keep the instruction manual in hand and refer to it whenever needed. The instruction manual describes the items that you must observe prior to installation and use of this product to avoid possible problems and damage which would be caused by improper installation and use. The meanings of pictorial indications by caution marks (signal words) are as shown to the right. Please understand their contents correctly before starting to read the text of this instruction manual.

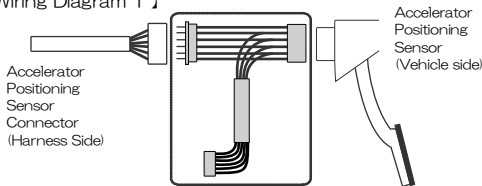
**GLOSSARY**

Display	Meanings
	Failure to follow this manual may lead to serious problems and damages that can be caused to your vehicle and engine etc.

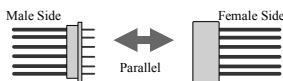
### 2 Installation of Apexi Original Harness

**For Product Code# 417-A010, 417-A011, 417-A012, 417-A013 417-A014, 417-A015, 417-A019, 417-A020, 417-A021**

[Wiring Diagram 1 ]

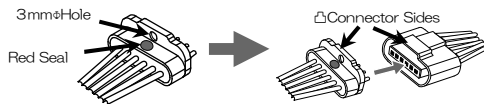


- The shape of this product is an Apexi Original Made connector, proceed with the connection as follows.
- 1. Disconnect the male and female sides of Apexi Original Harness Connector and be careful not to bend/damage the pins. Remove straight and parallel.



- 2. Install the Apexi Original Harness referring to above [Wiring Diagram 1] and following points.
  - ① Check the face of the connector ends of both Male and Female sides. Match the face □ side of Apexi Original Harness and face ▽ side of Accelerator Sensor Connector together and insert the connectors tightly.

※ Refer to the right side of this manual for [Detailed Diagram of Connectors] and insert the connectors into each other properly.



- ② Insert the end of the Apexi Original Harness connector (female side) to the Accelerator Sensor Connector (Vehicle side) tightly.
- 3. Affix the connector of the Apexi Original Connector Harness tightly using enclosed Zip Ties.

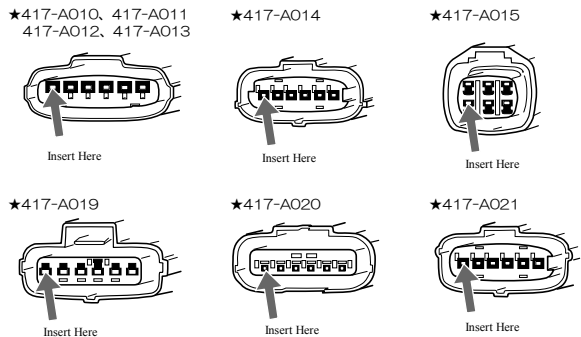


**CAUTION**

- If the direction of the connectors is not corrected properly, it may cause damage to the Sensor and also the product which can result in a Check Engine Light (CEL).
- Be sure to insert the connectors completely and snugly.
- Also affix the connectors by Zip Tie tightly. If the connectors are loose, it may cause insufficient contact between the connectors. a malfunction of the product and possible damage to the vehicle can occur .

[Detailed Diagram of Connector ]

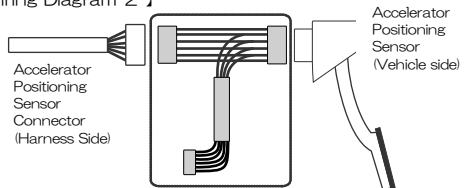
※ Sometimes Connector Pins are hard to see. Use a work light in this case to find the position of the pins .



- 4. Please proceed and complete the rest of the installation process according to the Instruction Manual of the Apexi Smart Accel Controller.

**For Product Code# 417-A016, 417-A017, 417-A018**

[Wiring Diagram 2 ]



- 1. Squeeze together the Apexi Original Harness (Accelerator Positioning Sensor Connector side and Accelerator Connector side) and complete the connection tightly.
- 2. Please proceed and complete the rest of the installation process according to the Instruction Manual of the Apexi Smart Accel Controller.

Apex Co.,Ltd.  
 Apex Co.,Ltd.  
 5-21-3 Fujimi, Chuo-ku, Sagami-hara City, Kanagawa, 252-0236 Japan.  
 Tel :+81-42-768-8145 Fax: +81-42-768-8072  
 Apex Integration Inc.  
 1449 West Orengo Grove Avenue, Suite#A, Orange, CA 92868 USA  
 Tel :+1-714-685-5700 Fax: +1-714-685-5701