

### **Note!**

Before installing this product, check the contents of the kit. If anything is missing, please contact an Öhlins dealer

### **Kit Contents**

Description	Part No	Pcs
Shock absorber	HO 647	2
Seal ball joint 16/26/2.7	00534-01	8
Spacer, ball joint 12x28	01218-09	2
Spacer, ball joint 10x22	01218-13	4
Spacer, ball joint 10x20	01218-15	4
Spacer, ball joint 10x28	01218-16	2
Spacer, ball joint 12x20	01218-37	2
Sticker "ÖHLINS"	00192-01	2
Sticker "ÖHLINS"	01185-01	2
Sticker "ÖHLINS"	01185-04	2
Tool preload adjuster	03199-03	1
Owners manual road & track	07241-02	1

### **Alternative components**

Spring 46/210/Prog18-26N/mm	60001-04	2
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### **Note!**

Please note that this image is a general representation of the product and may differ slightly from your product.

### **Note!**

Please note that during storage and transportation, especially at high ambient temperature, some of the oil and grease used for assembling may leak and stain the packaging. This is in no way detrimental to the product, wipe off the excessive oil/grease with a cloth.

### **Warning!**

Before installing this product, read the Öhlins Owner's Manual. The shock absorber is an important part of your vehicle and will affect the stability.

## **Shock Absorber for Honda Wave 125i TH /110 VN**

# **HO 647**

## **Mounting Instructions**

### **Note!**

The rear mudguard needs to be modified or exchanged.

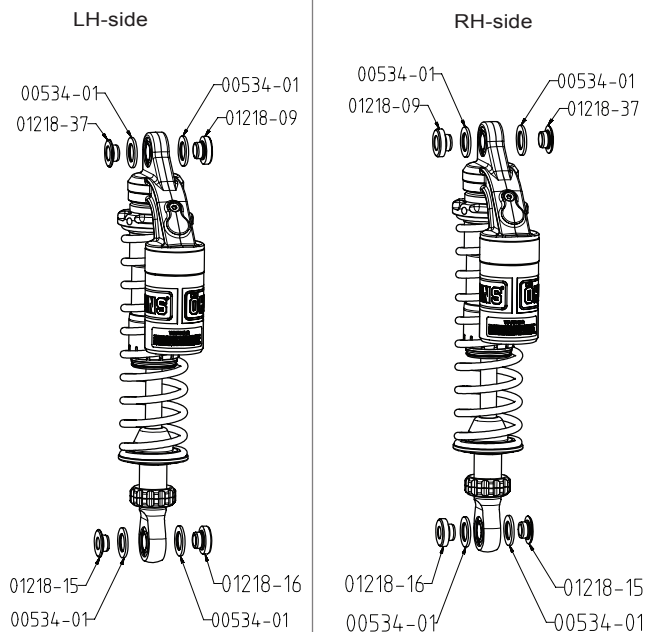
### **Note!**

For installation on Wave 125i(THAILAND) the chain guard needs to be modified or exchanged.

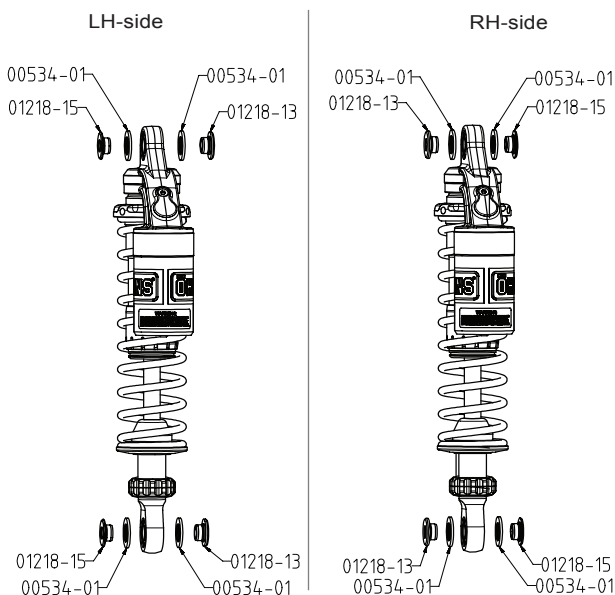


# INSTALLATION DIAGRAM

## ***Honda Wave 110 for VIETNAM market***



## ***Honda Wave 125i for THAILAND market***



# MOUNTING INSTRUCTIONS

## **Warning!**

*It is advisable to have an Öhlins dealer install the shock absorber.*

## **Warning!**

*If working on a raised vehicle, ensure it is securely supported so that it will not tip over.*

## **Note!**

*Before mounting this product clean the vehicle thoroughly.*

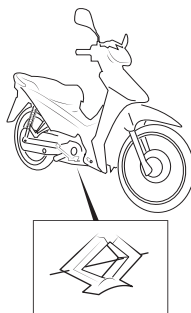
## **Note!**

*When working on this product, always see the Vehicle Service Manual for vehicle specific procedures and important data.*

## HONDA Wave 110 for VIETNAM market

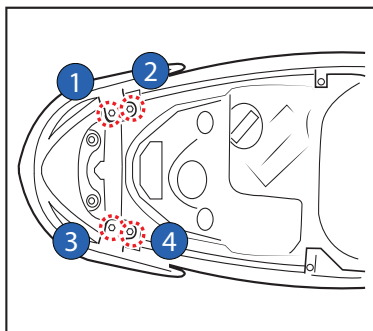
**1**

Put the motorcycle on center stand so that the rear wheel barely touches the ground. Make sure the motorcycle is in a stable position.



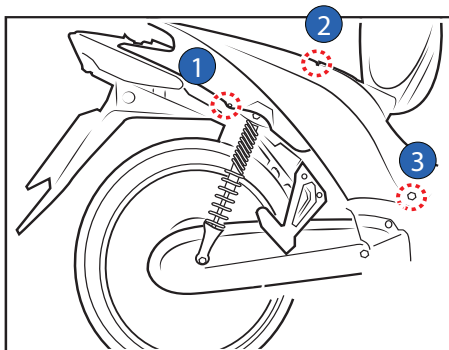
**2**

Open the seat and remove the grab bar by loosening the four bolts (1)(2)(3)(4).



**3**

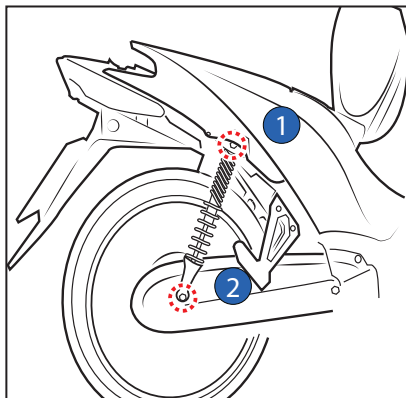
Remove the fairing on the both sides by loosening the screws (1)(2)(3).



# MOUNTING INSTRUCTIONS

4

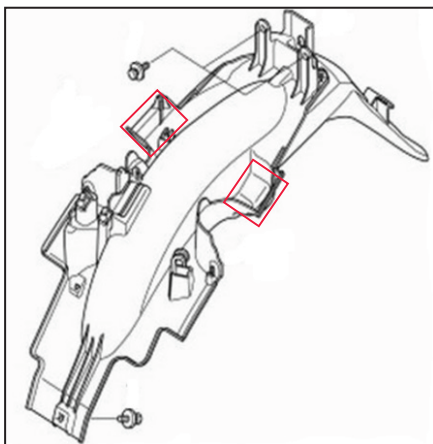
Remove the standard shock absorber by loosening the upper and the lower bolts (1)(2).



5

Modify the rear mudguard by cutting to make more space for easy installation ÖHLINS shock absorber

Cutting dimensions : approx. 40mm x 60mm



6

Install the Öhlins shock absorber by following as the installation diagram,

then mount the upper and lower bolts (1)(2)

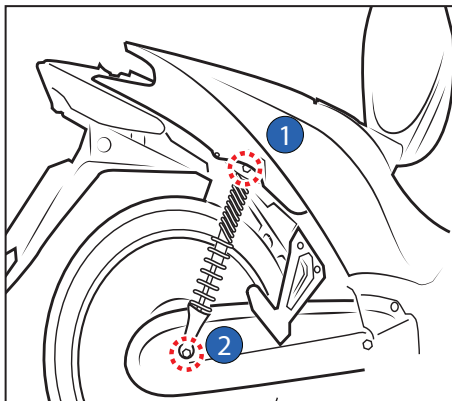
Tighten the upper and lower mounting at the specific torque value as per Honda service manual and reverse all procedure.

## **Note!**

*Lower the vehicle so that the suspension is slightly compressed before tightening the screws.*

## **Caution!**

*Ensure that all screws are tightened to the correct torque and that nothing fouls or restricts movement of the shock absorber when the suspension is fully compressed or extended.*

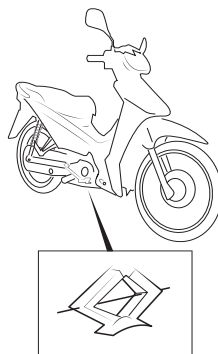


# MOUNTING INSTRUCTIONS

## HONDA Wave 125i for THAILAND market

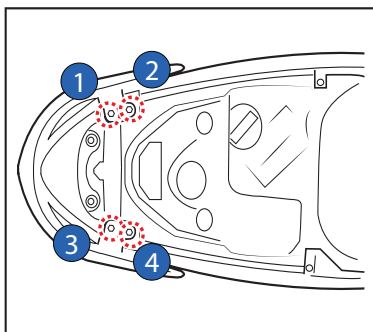
1

Put the motorcycle on center stand so that the rear wheel barely touches the ground. Make sure the motorcycle is in a stable position.



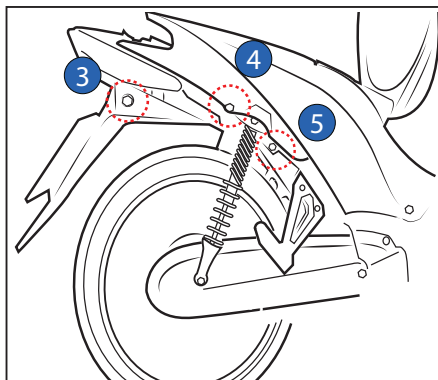
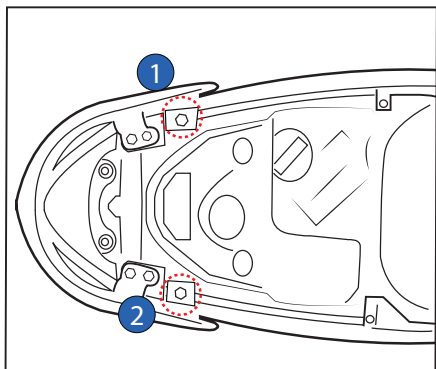
2

Open the seat and remove the grab bar by loosening the four bolts (1)(2)(3)(4).



3

Loosening 8 screws (1), (2), and (3), (4), (5) including opposite side, in order to remove the fairing.

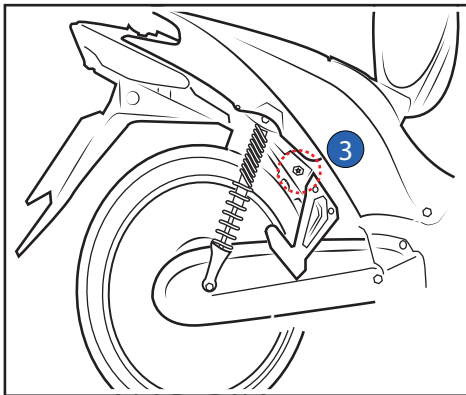
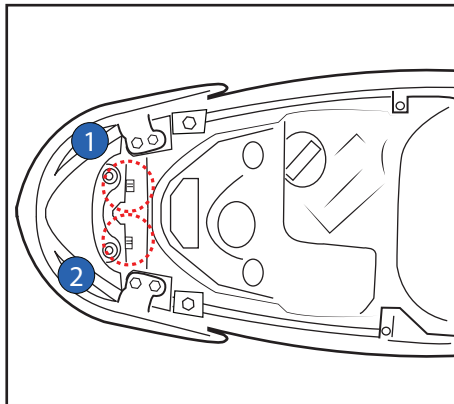


# MOUNTING INSTRUCTIONS

4

Remove the rear mudguard, by loosening 3 screws

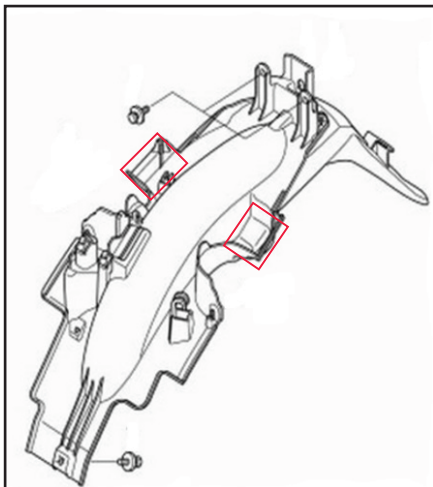
- screws (1), (2) are accessed from the top
- screw (3) is underneath



5

Modify the rear mudguard by cutting to make more space for easy installation the ÖHLINS shock absorber

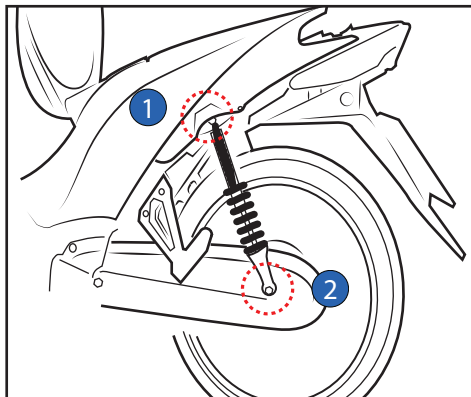
Cutting dimensions : approx. 40mm x 60mm



# MOUNTING INSTRUCTIONS

6

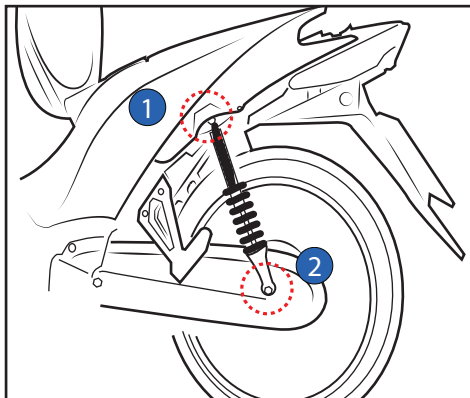
Remove the chain guard in order to uninstall the standard shock absorber by loosening the upper and lower mounting bolts (1), (2)



7

Install the Öhlins shock absorber by following as the installation diagram then mount the upper and lower bolts (1)(2)

Tighten the upper and lower mounting at the specific torque value as per Honda service manual and reverse all procedure.



## **Note!**

*Lower the vehicle so that the suspension is slightly compressed before tightening the screws.*

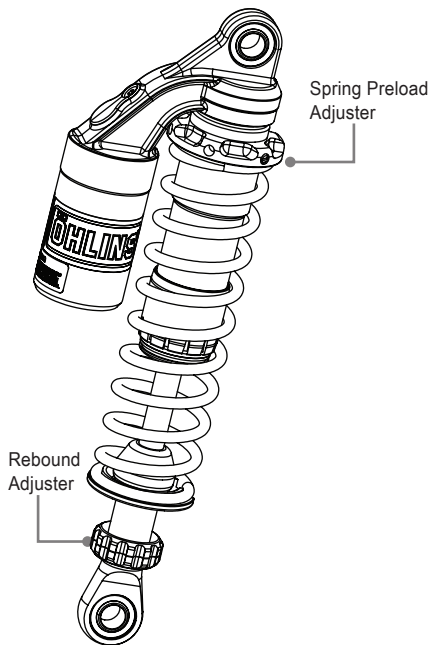
## **Caution!**

*Ensure that all screws are tightened to the correct torque and that nothing fouls or restricts movement of the shock absorber when the suspension is fully compressed or extended.*

# ADJUSTMENTS

**⚠ Warning!**

Before riding, always make sure that the basic settings made by Öhlins are according to recommended Set-up Data. Read about adjustments and setting up in the Öhlins Owner's Manual before you make any adjustments. Contact an Öhlins dealer if you have any questions about setting up.



# SET-UP DATA

**Recommended set-up**

Spring Preload ..... 3 mm  
Rebound adjuster ..... 25 Clicks

**Shock absorber data**

Length ..... 340 mm  
Stroke ..... 78 mm

**Spring**

Part No ..... 60360-03  
Free spring length ..... 200 mm  
Spring rate..... Progressive 15-24 N/mm  
Preload adj.range..... [0-42] mm

**Recommended spring**

Spring part No.	Spring rate	For rider weight
60360-03	prog 15-24 N/mm	Below 80 kg
60001-04	prog 18-26 N/mm	Above 80 kg

👁 Öhlins products are subject to continuous improvement and development, therefore, although these instructions include the most up-to-date information available at the time of printing, minor updates may occur.

To find the latest information contact an Öhlins distributor. Please contact Öhlins if you have any questions regarding the contents in this document.

Part no. MI\_HO647 EN\_0  
Issued 2016-12-09

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Öhlins Asia Co. Ltd  
700/937 Moo5, Tambol Nongkhaka,  
Amphur Phantong, Chonburi Province  
20160 Thailand



[www.ohlins.com](http://www.ohlins.com)