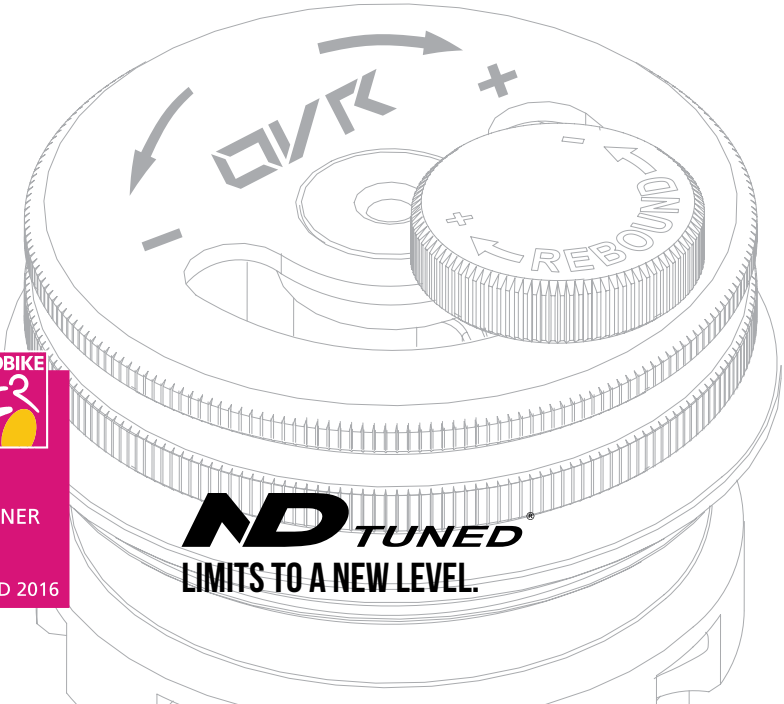
OPENING VALVE RESISTANCE

ASSEMBLY INSTRUCTIONS

INSTRUÇÕES DE MONTAGEM
INSTRUCCIONES DE MONTAJE OVR
OVR INSTRUCTIONS D'ASSEMBLAGE

www.ndtuned.com/ovr-service



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LIMITS TO A NEW LEVEL.

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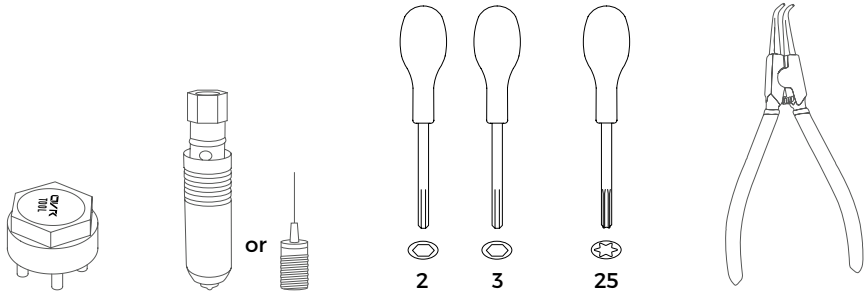
TOOLS NEEDED FERRAMENTAS NECESSÁRIAS | HERRAMIENTAS NECESARIAS | OUTILS NÉCESSAIRES



OVR tool
Chave OVR
Llave OVR
Clé OVR

Air Charging Needle
Sistema Carregamento Agulha
Aiguille de recharge d'air
Système de carga de aire aguja

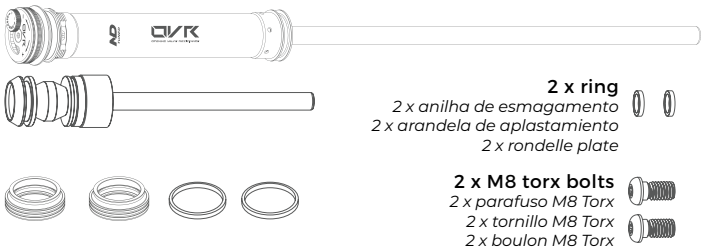
Hex key
Chave sextavada
Llave hexagonal
Clé hexagonale

Torx key
Chave torx
Llave torx
Clé torx

Circlips pliers bent tip
Alicates de freios pontas curvas
Alicate de puntas acodadas 90°
Pince à circlips coudée

BOX CONTENT CONTEÚDO DA CAIXA | CONTENIDO DE LA CAJA | CONTENU DE LA BOÎTE

FOX SC



1 x ovr

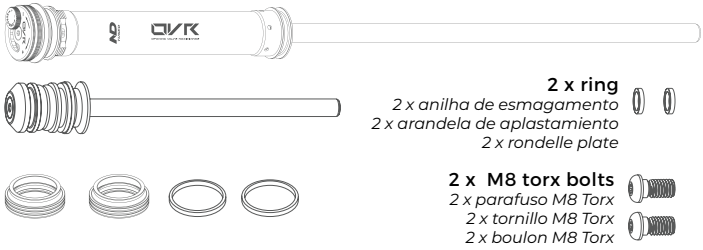
1 x air spring
1 x sistema de ar
1 x sistema de aire
1 x système d'air

2 x ring
2 x anilha de esmagamento
2 x arandela de aplastamiento
2 x rondelle plate

1 x seals kit
1 x kit vedantes
1 x kit retenes
1 x kit joints

2 x M8 torx bolts
2 x parafuso M8 Torx
2 x tornillo M8 Torx
2 x boulon M8 Torx

ROCKSHOX SID/REBA



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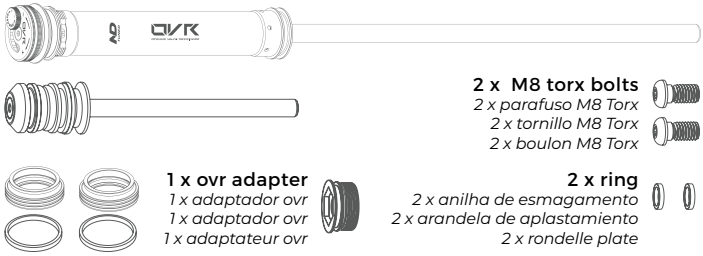
ROCKSHOX RS1



1 x ovr

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2 x parafuso M8 Torx
2 x tornillo M8 Torx
2 x boulon M8 Torx

1 x seals kit
1 x kit vedantes
1 x kit retenes
1 x kit joints

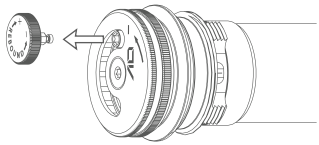
1 x ovr adapter
1 x adaptador ovr
1 x adaptador ovr
1 x adaptateur ovr

2 x ring
2 x anilha de esmagamento
2 x arandela de aplastamiento
2 x rondelle plate

OVR ASSEMBLY

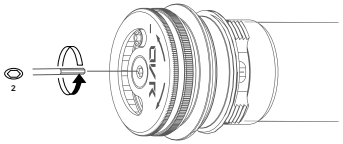
INSTRUÇÕES DE MONTAGEM OVR | INSTRUCCIONES DE MONTAJE OVR | INSTRUCTIONS DE MONTAGE OVR

1



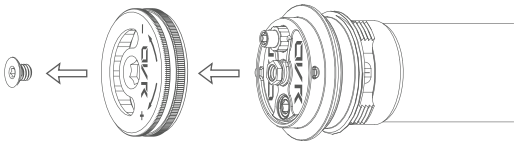
Pull to remove Rebound Button.
Retirar botão Rebound.
Retirar el botón de rebote.
Supprimer le bouton de rebond.

2



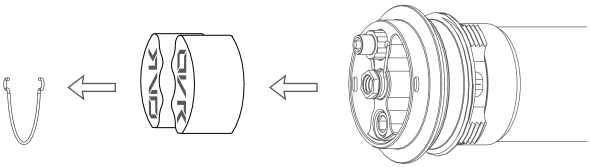
Loosen the screw.
Desapertar o parafuso.
Desenrosque el tornillo.
Desserrez la vis.

3



Remove screw and OVR button in the minimum resistance position.
Remover parafuso e botão afinador OVR na posição de mínimo de resistência.
Retire el tornillo y el botón de afinación OVR en la posición mínima de resistencia.
Retirez la vis et le bouton du syntoniseur OVR dans la position de résistance minimale.

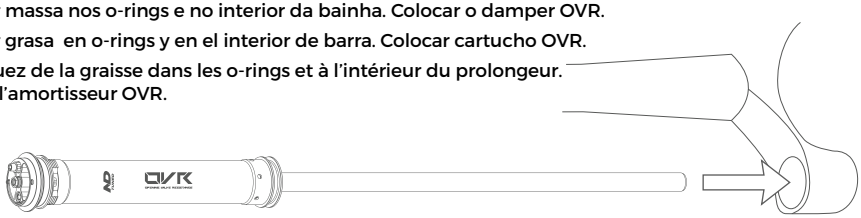
4



Remove spring and foams.
Remover mola e esponjas.
Retirar muelle y esponjas.
Retirer ressort et éponges.

5

Apply a light coat of grease in the o-rings and inside the upper tube, then insert OVR damper.
Colocar massa nos o-rings e no interior da bainha. Colocar o damper OVR.
Colocar grasa en o-rings y en el interior de barra. Colocar cartucho OVR.
Appliquez de la graisse dans les o-rings et à l'intérieur du prolongeur. Insérer l'amortisseur OVR.



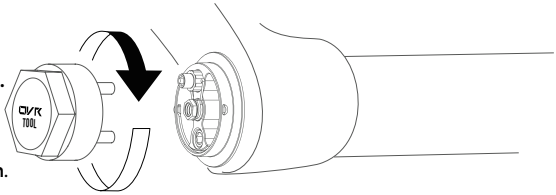
6

Tighten damper with OVR tool at +- 15 N.m.

Apertar cartucho com chave OVR a +- 15 N.m.

Apretar cartucho con llave OVR a + - 15 N.m.

Serrer la cartouche avec le clé OVR à + - 15 N.m.



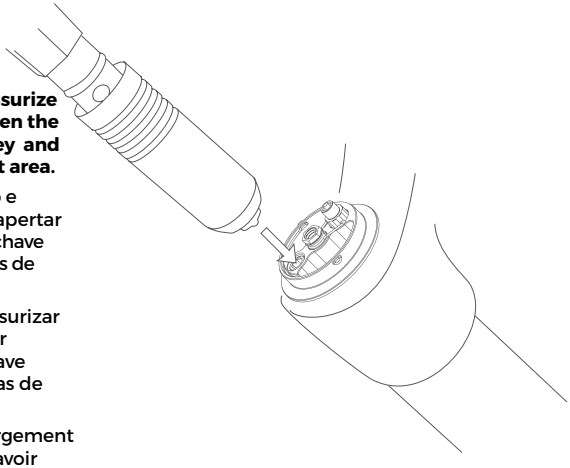
7

Insert needle into the rubber plug and pressurize to 300 PSI. After removing the needle tighten the screw 1/4 turn slightly with the 3mm hex key and make sure that there are no air leaks in that area.

Inserir agulha na borracha de carregamento e pressurizar a 300 PSI. Após retirar a agulha apertar ligeiramente o parafuso 1/4 de volta com a chave sextavados 3 e certificar que não existem fugas de pressão nessa àrea.

Insertar la aguja en el caucho de carga y presurizar a 300 PSI. Después de retirar la aguja apretar ligeramente el tornillo 1/4 de vuelta con la llave hexagonal 3 y asegurarse de que no hay fugas de presión en ese área.

Insérez l'aiguille dans le caoutchouc de chargement et mettez-la sous pression à 300 PSI. Après avoir retiré l'aiguille, serrez la vis d'un quart de tour avec la clé hexagonale 3 et assurez-vous qu'il n'y a pas de fuites de pression dans cette zone.



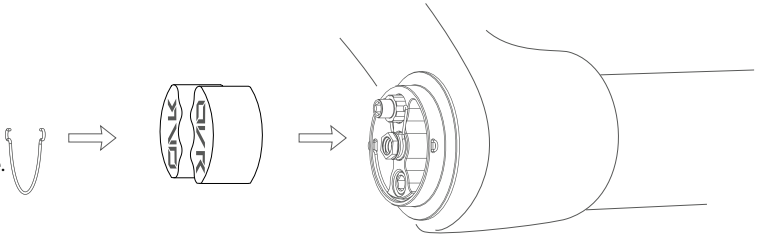
8

Insert foams and spring.

Colocar esponjas e mola.

Insertar esponjas y muelle.

Insert éponges et ressort.



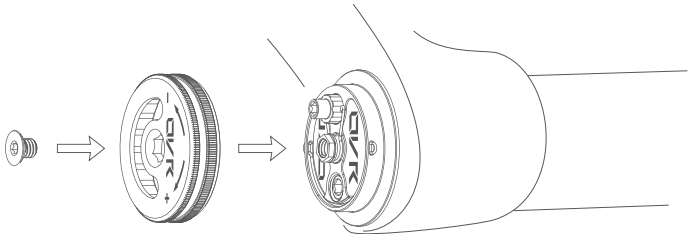
9

Apply OVR button in position of minimum resistance.

Aplicar botão OVR na posição de mínimo de resistência.

Aplicar botón OVR en la posición mínima de resistencia.

Appliquer le bouton OVR dans la position de résistance minimale.



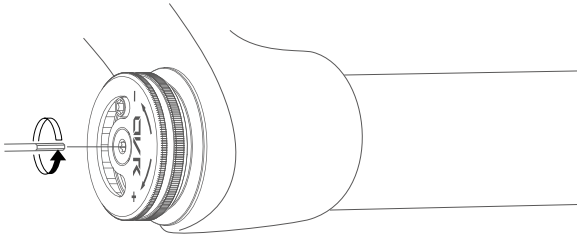
10

Tighten bolt to maximum 1.5 N.m.

Apertar parafuso no máximo 1,5 N.m.

Apretar el tornillo a un máximo de 1,5 N.m.

Serrer le boulon à 1,5 N.m maximum.



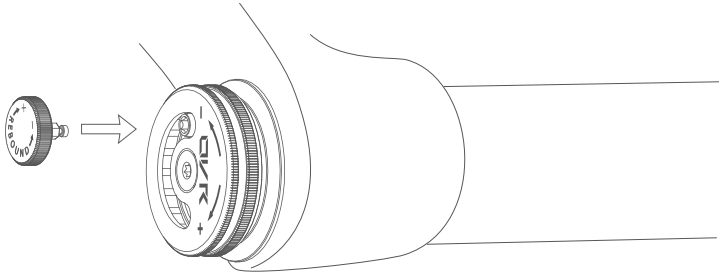
11

Push to insert Rebound Button.

Inserir botão afinador de rebound.

Insertar botón afinador de rebote.

Insérer le bouton de syntoniseur de rebond



AIR SPRING ASSEMBLY

APLICAÇÃO DO SISTEMA DE AR | APLICACIÓN DEL SISTEMA DE AIRE | APPLICATION DU SYSTÈME D'AIR

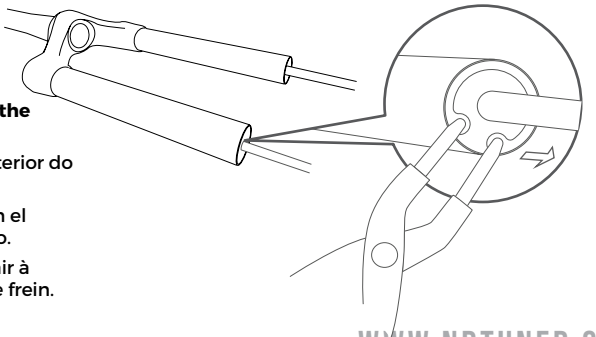
12

Remove all air pressure inside the system. Remove circlip.

Tirar toda a pressão de ar no interior do sistema. Remover freio.

Retire toda la presión de aire en el interior del sistema. Retire freno.

Supprimer toute la pression d'air à l'intérieur du système. Retirer le frein.



AIR SPRING ASSEMBLY

APLICAÇÃO DO SISTEMA DE AR | APLICACIÓN DEL SISTEMA DE AIRE | APPLICATION DU SYSTÈME D'AIR

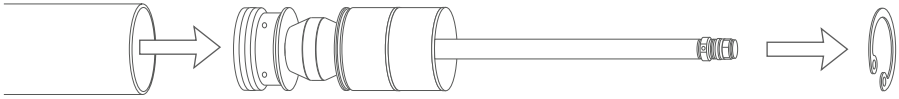
13

Remove original air spring and clean the stanchions inside.

Remover sistema de ar original. Remover as massas e sujidades existentes.

Retire sistema de aire original. Retire masas y suciedad existentes.

Retirez le système d'air d'origine. Enlevez la saleté et la crasse existantes.



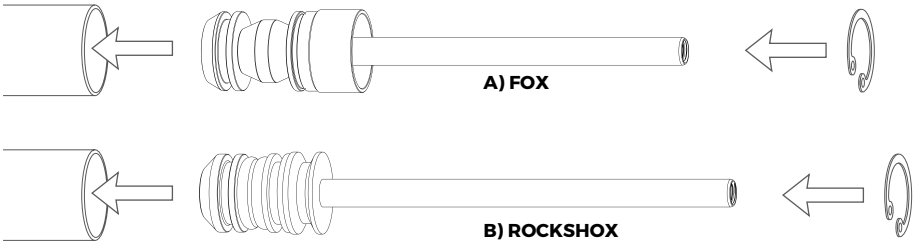
14

Apply grease to the inside of the upper tube and o-rings, then insert the system inside the upper tube.

Aplicar massas de lubrificação novas no interior da bainha e nos o-rings do sistema de ar ND Tuned. Inserir o sistema no interior da bainha.

Aplicar masas de lubricación nuevas en el interior de la barra y o-rings del sistema de aire ND Tuned. Insertar el sistema dentro de la barra.

Appliquez de la graisse neuve à l'intérieur du prolongeur et des o-rings du système d'air ND Tuned. Insérez le système dans le prolongeur.



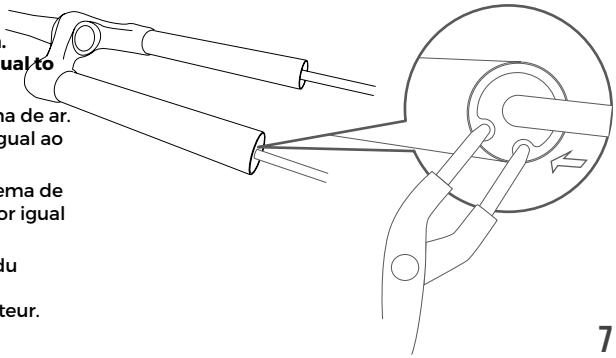
15

Apply the circlip of the air system. Pressurize with pressure in psi equal to the weight of the user in kg.

Aplicar o freio de fixação do sistema de ar. Pressurizar com pressão do valor igual ao peso do utilizador.

Aplicar el freno de fijación del sistema de aire. Presurizar con presión del valor igual al peso del usuario.

Appliquer le système de freinage du système d'air. Pressuriser avec une pression égale au poids de l'utilisateur.



OVR ASSEMBLY / ROCKSHOX RS1

INSTRUÇÕES DE MONTAGEM OVR | INSTRUCCIONES DE MONTAJE OVR | INSTRUCTIONS DE MONTAGE OVR

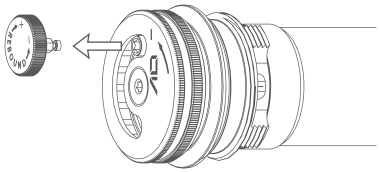
1

Pull to remove Rebound Button.

Retirar botão Rebound.

Retirar el botón de rebote.

Supprimer le bouton de rebond.



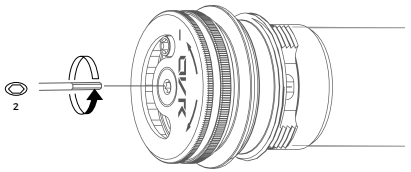
2

Loosen the screw.

Desapertar o parafuso.

Desenrosque el tornillo.

Desserrez la vis.



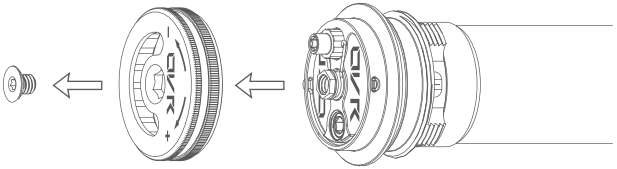
3

Remove screw and OVR button in the minimum resistance position.

Remover parafuso e botão afinador OVR na posição de mínimo de resistência.

Retire el tornillo y el botón de afinación OVR en la posición mínima de resistencia.

Retirez la vis et le bouton du syntoniseur OVR dans la position de résistance minimale.



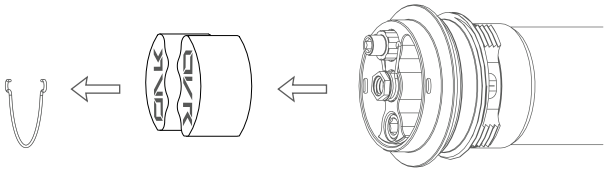
4

Remove spring and foams.

Remover mola e esponjas.

Retirar muelle y esponjas.

Retirer ressort et éponges.



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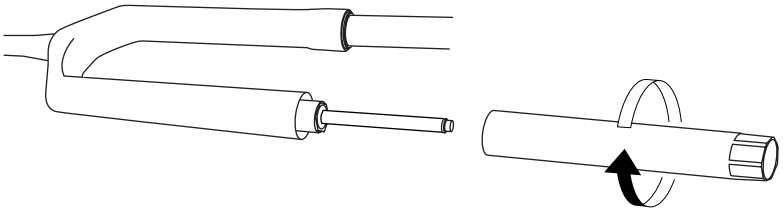
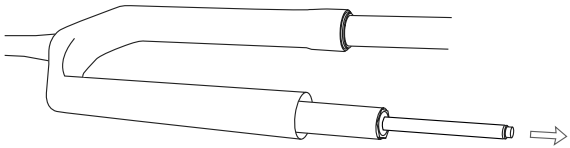


6



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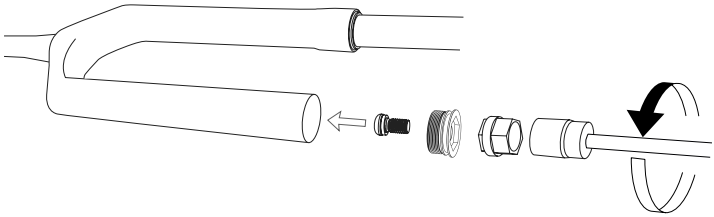
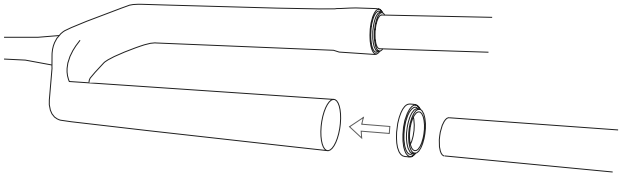


8



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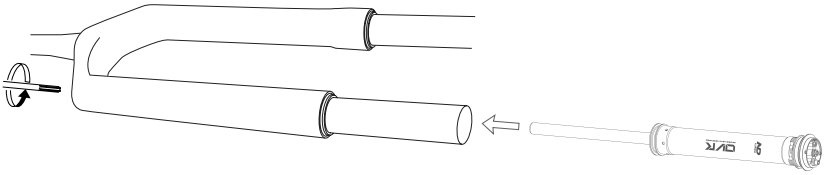
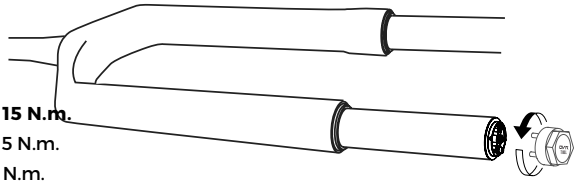


10



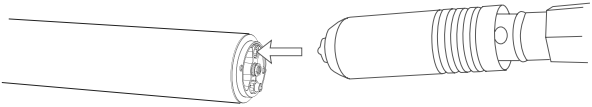
Tighten damper with OVR tool at +- 15 N.m.

Apertar cartucho com chave OVR a +- 15 N.m.

Apretar cartucho con llave OVR a + - 15 N.m.

Serrer la cartouche avec le clé OVR à + - 15 N.m.

11



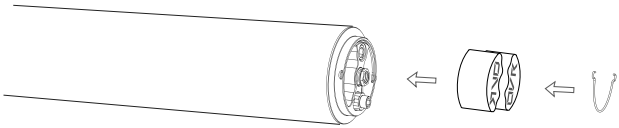
Insert needle into the rubber plug and pressurize to 300 PSI. After removing the needle tighten the screw 1/4 turn slightly with the hex key 3 and certify that there are no pressure leaks in that area.

Inserir agulha na borracha de carregamento e pressurizar a 300 PSI. Após retirar a agulha apertar ligeiramente o parafuso 1/4 de volta com a chave sextavados 3 e certificar que não existem fugas de pressão nessa àrea.

Insertar la aguja en el caucho de carga y presurizar a 300 PSI. Después de retirar la aguja apretar ligeramente el tornillo 1/4 de vuelta con la llave hexagonal 3 y asegurarse de que no hay fugas de presión en ese área.

Insérez l'aiguille dans le caoutchouc de chargement et mettez-la sous pression à 300 PSI. Après avoir retiré l'aiguille, serrez la vis d'un quart de tour avec la clé hexagonale 3 et assurez-vous qu'il n'y a pas de fuites de pression dans cette zone.

12



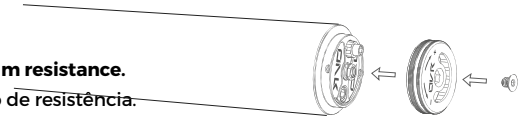
Insert foams and spring.

Colocar esponjas e mola.

Insertar esponjas y muelle.

Insert éponges et ressort.

13



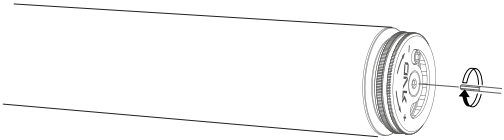
Apply OVR button in position of minimum resistance.

Aplicar botão OVR na posição de mínimo de resistência.

Aplicar botón OVR en la posición mínima de resistencia.

Appliquer le bouton OVR dans la position de résistance minimale.

14



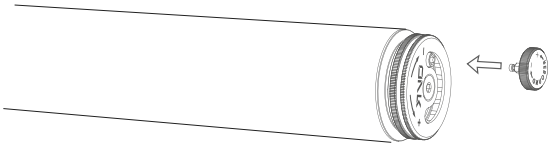
Tighten bolt to maximum 1.5 N.m.

Apertar parafuso no máximo 1,5 N.m.

Apretar el tornillo a un máximo de 1,5 N.m.

Serrer le boulon à 1,5 N.m maximum.

15



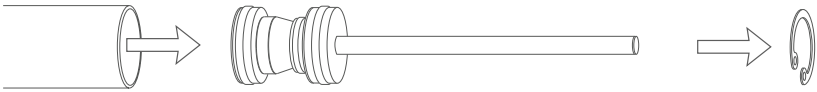
Push to insert Rebound Button.

Inserir botão afinador de rebound.

Insertar botón afinador de rebote.

Insérer le bouton de syntoniseur de rebond

16



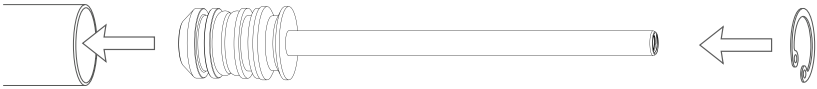
Remove original air spring and clean the stanchions inside.

Remover sistema de ar original. Remover as massas e sujidades existentes.

Retire sistema de aire original. Retire masas y suciedad existentes.

Retirez le système d'air d'origine. Enlevez la saleté et la crasse existantes.

17



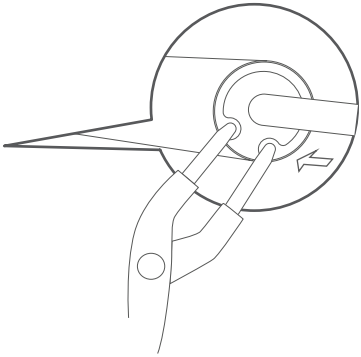
Apply grease to the inside of the upper tube and o-rings, then insert the system inside the upper tube.

Aplicar massas de lubrificação novas no interior da bainha e nos o-rings do sistema de ar ND Tuned. Inserir o sistema no interior da bainha.

Aplicar masas de lubricación nuevas en el interior de la barra y o-rings del sistema de aire ND Tuned. Insertar el sistema dentro de la barra.

Appliquez de la graisse neuve à l'intérieur du prolongeur et des o-rings du système d'air ND Tuned. Insérez le système dans le prolongeur.

18



Apply the circlip of the air system. Pressurize with pressure in psi equal to the weight of the user in kg.

Aplicar o freio de fixação do sistema de ar. Pressurizar com pressão do valor igual ao peso do utilizador.

Aplicar el freno de fijación del sistema de aire. Presurizar con presión del valor igual al peso del usuario.

Appliquer le système de freinage du système d'air. Pressuriser avec une pression égale au poids de l'utilisateur.

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