

SHERCO

Motorcycles



MICHELIN

Engine
Sintetique 2T
(Mix 24:1)



service

manual

03 Series

Manual
mantenimiento
Manuel
d'entretien



SISTEMAS DE ENCENDIDO - IGNITION SYSTEMS



1
Con la moto en posición de descanso sin carga en la suspensión trasera la cadena debe tener un movimiento libre de 3 cm, justo en la parte central de la tensor. El engranaje de la cadena debe ir posicionado en el sentido contrario al del giro de la rueda.

2
Para verificar el ajuste del motor, debe aflojarse uno de los tornillos del cárter indicado en la fotografía que se encuentra justo encima del logotipo del protector del motor.

3
Para acceder a la boca de llenado del radiador el sistema de refrigeración debe quitarse primero el depósito de combustible. Es aconsejable realizar esta operación siempre con el motor en frío.

La moto en posición de reposo, se carga en la suspensión trasera, la cadena debe tener un movimiento libre de 3 cm, justo en la parte central de la tensor. El engranaje de la cadena debe ir posicionado en el sentido contrario al del giro de la rueda.

Pour vérifier l'huile de boîte, dévisser l'une des vis du carter, indiqué sur la photo qui se trouve en dessous du trou du carter moteur.

Pour accéder au bouchon du radiateur du système de refroidissement, il faut en premier retirer le réservoir de carburant et cette opération est toujours à réaliser moteur froid.

To get to the filler cap for the radiator, you must first remove the fuel tank. Your engine should be cold for this procedure.

The Sherco 03 series Adjustment Table

	Sherco 1.25	Sherco 2.0	Sherco 2.5	Sherco 2.9
Capacity cc.	124.7	163	249	272
Bore x Stroke	56 x 50.7	64 x 50.7	72.8 x 60	76 x 60
Carburettor Dell'Orto	PHBL26BS	PHBL26BS	PHBL26BS	PHBL26BS
Slide	60	60	60	60
Main Jet	122	130	126	126
Pilot Jet	36	36	33	33
Needle	D36	D36	D36	D36
Needle Jet	270K	270K	270K	270K
Needle clip from top	3rd	3rd	3rd	3rd
Choke link	03	03	03	03
Petrol screw (turns out)	4 full	4 full	3 1/2	3 1/2
Float level	18.5 mm	18.5 mm	18.5 mm	18.5 mm
Ignition advance	3.0	3.0	3.0	3.0
Spark Plug	BP6ES	BP6ES	BP6ES	BP6ES
Secondary transmission	9 x 44	10 x 42	10 x 42	10 x 42
Gearbox capacity	450 cc	490 cc	450 cc	450 cc
Viscosity	Sae 10w40	Sae 10w40	Sae 10w40	Sae 10w40
Capacity per leg	330 cc 150 mm air volume	330 cc 150 mm air volume	330 cc 145 mm air volume	330 cc 145 mm air volume
Viscosity	Sae 4	Sae 4	Sae 4	Sae 4
Spring pre-load	22 mm	22 mm	22 mm	22 mm
Fuel	Unleaded	Unleaded	Super Unleaded	Super Unleaded
Fuel Mix ratio	2%	2%	2%	2%
Reed case stops	19 mm	19 mm	17 mm	17 mm
Tightness Cylinder head	1.1 mk/g	1.1 mk/g	1.1 mk/g	1.1 mk/g
Tightness Cylinder	2 mk/g	2 mk/g	2 mk/g	2 mk/g
Piston / cylinder tolerance	0.0175 mm - 0.0225 mm	0.0225 mm - 0.0275 mm	0.0350 mm - 0.0400 mm	0.0270 mm - 0.0325 mm
Rear Spring pre-load	139 mm	139 mm	139 mm	139 mm



4
Mantener el envase de las manetas siempre limpio y bien lubricado para obtener la máxima seguridad. El depósito de aceite debe tener una pequeña manija para poder comprobar el nivel del mismo.

5
Una vez cerrado el desajuste del motor, volver a montar el cárter introduciendo un poco la moto y si es posible, con la ayuda de un embudo. Es importante introducir el tipo y cantidad de lubricante de este elemento. Si el líquido y engrasado deben ser muy frecuentes.

6
La duración de la cadena depende del tipo de material y constante de fricción. Es importante utilizar un aceite especial de este elemento. Si el líquido y engrasado deben ser muy frecuentes.

Maintenir l'état du levier d'embrayage toujours propre et correctement lubrifié pour obtenir le maximum de sécurité. Le réservoir de liquide du cylindre comporte des deux côtés (avant et arrière) un oil brenner pour vérifier le niveau.

Après avoir resserré la vis de réglage de la boîte, lubrifier légèrement la moto, pour remplir d'huile vous pouvez également utiliser un entonnoir. Il est très important d'utiliser la quantité et le type d'huile recommandés par le fabricant.

La durabilité de la chaîne dépend du type de matériaux et des frictions constantes, obligent à un entretien régulier de cet élément. Son nettoyage et sa lubrification doivent être très fréquents.

It is important to clean and lubricate the throttle assembly to prevent irregular action.



7
Es importante mantener el manillar limpio y engrasado en el punto donde va anclado el puño del gas, ya que si no puede ocasionar un funcionamiento irregular a causa de ruidos.

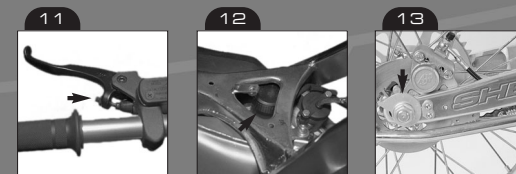
8
El estado de la bujía nos permitirá conocer si el motor realiza una correcta combustión. Es por ello que este elemento debe estar siempre en perfectas condiciones y con la separación entre el electrodo y el arco según las recomendaciones del fabricante.

9
Es recomendable que el accionamiento del gas tenga una pequeña tolerancia, para en caso de sustituir el cable del gas, las medidas de cable y funda puedan ser ligeramente diferentes, dependiendo del fabricante. En este caso se puede ajustar la tolerancia con el tensor, justo en la entrada del carburador.

L'état de la bougie nous permet de connaître si le moteur dégage une combustion correcte. C'est pour cela que cet élément devra être en parfait état, avec un bon espacement des électrodes, selon les recommandations du fabricant.

It is recommended that the action of the throttle be very free play. This is adjusted at the factory, but it is recommended to check the tolerance of the tension rod to the opening of the carburetor.

It is recommended that the action of the throttle be very free play. This is adjusted at the factory, but it is recommended to check the tolerance of the tension rod to the opening of the carburetor.



10
La carburación viene regulada de fábrica por una utilización estándar, aunque dependa de la altitud en la que sea utilizado el motor. Se puede variar la mezcla de la mezcla aumentando o disminuyendo el paso de aire o reduciendo el regulador que regula el flujo de aire. En caso de cambiar el cable de gas, el cable de gas puede tener un tamaño ligeramente diferente al del fabricante. En este caso se puede ajustar la tolerancia con el tensor, justo en la entrada del carburador.

11
Es importante mantener el manillar limpio y engrasado en el punto donde va anclado el puño del gas, ya que si no puede ocasionar un funcionamiento irregular a causa de ruidos.

12
El estado de la bujía nos permitirá conocer si el motor realiza una correcta combustión. Es por ello que este elemento debe estar siempre en perfectas condiciones y con la separación entre el electrodo y el arco según las recomendaciones del fabricante.

Depending on the person using the motorcycle, the clutch lever position might be adjusted for proper finger positioning. Make sure you only adjust on the free play in the lever. Never use this adjustment to compress the hydraulic piston.

It is recommended that the action of the throttle be very free play. This is adjusted at the factory, but it is recommended to check the tolerance of the tension rod to the opening of the carburetor.

It is recommended that the action of the throttle be very free play. This is adjusted at the factory, but it is recommended to check the tolerance of the tension rod to the opening of the carburetor.



13
Después de cualquier operación en que se haya tenido que aflojar el eje de la rueda trasera, este dispone en cada lado de una cavidad para controlar la rueda y para tensar la cadena. En ningún caso la posición de las cavidades debe ser diferente entre ellas.

14
Después de cualquier operación en que se haya tenido que aflojar el eje de la rueda trasera, este dispone en cada lado de una cavidad para controlar la rueda y para tensar la cadena. En ningún caso la posición de las cavidades debe ser diferente entre ellas.

15
Después de cualquier operación en que se haya tenido que aflojar el eje de la rueda trasera, este dispone en cada lado de una cavidad para controlar la rueda y para tensar la cadena. En ningún caso la posición de las cavidades debe ser diferente entre ellas.

After any operation in which one may have had to loosen the axle of the rear wheel, you must make sure to centre and align the rear wheel so that the wheel and chain alignment are straight and true.

After any operation in which one may have had to loosen the axle of the rear wheel, you must make sure to centre and align the rear wheel so that the wheel and chain alignment are straight and true.

After any operation in which one may have had to loosen the axle of the rear wheel, you must make sure to centre and align the rear wheel so that the wheel and chain alignment are straight and true.



16
Dependiendo del tipo de terreno, la presión de las neumáticos puede variar según las condiciones en que sea utilizada la moto. La duración de los discos depende en buena medida del buen estado de las pastillas.

17
Dependiendo del tipo de terreno, la presión de los neumáticos puede variar según las condiciones en que sea utilizada la moto. La duración de los discos depende en buena medida del buen estado de las pastillas.

18
Dependiendo del tipo de terreno, la presión de los neumáticos puede variar según las condiciones en que sea utilizada la moto. La duración de los discos depende en buena medida del buen estado de las pastillas.

Depending on the type of terrain, the tire pressure may vary. Tubesless tires (those without inner tubes) may operate with low pressure although it is not recommended to be less than 0.35 kg.

Depending on the type of terrain, the tire pressure may vary. Tubesless tires (those without inner tubes) may operate with low pressure although it is not recommended to be less than 0.35 kg.

Depending on the type of terrain, the tire pressure may vary. Tubesless tires (those without inner tubes) may operate with low pressure although it is not recommended to be less than 0.35 kg.



17
El conjunto de bieletas de la suspensión trasera debe ser desmontado, limpiado y engrasado profundamente, con el fin de mantener al amortiguador todas las reacciones del oscilatorio.

18
En caso de sustitución de los bigulis de freno, una vez repuesto y efectuado el llenado del circuito de líquido, se debe eliminar los restos del aire atrapado dentro de la cámara de la pastilla y aflojando el sensor de la pila hasta que escape líquido.

19
El sistema de bieletas de suspensión delantera debe ser desmontado, limpiado y engrasado regularmente, así de retirarse restos de contaminación los mejores reacciones de amortiguación.

The rear suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

If the action of your brake becomes soft, you may have air in the system, and need to bleed them. In this case you must add oil to the reservoir while bleeding fluid from the bleed screw using a pumping action on the brake lever until the air is removed from the system.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.

The front suspension linkage should be cleaned and pressed on a regular basis to reduce wear and tear.