

SHERCO

RACE TUNING 2 STROKE RANGE



CAUTION!

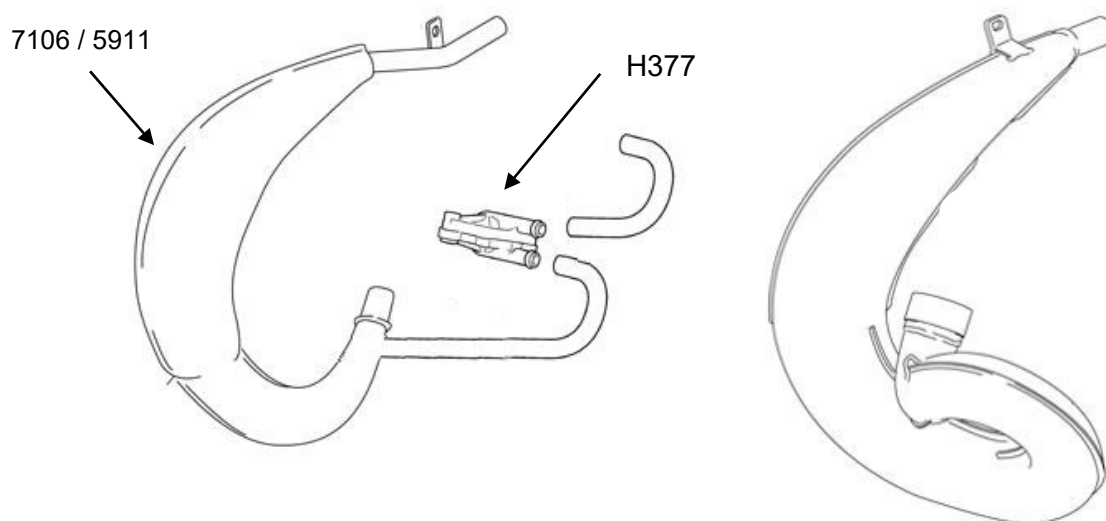
Before modifying the vehicle to a competition version, please ensure that your customer orders a signed repair order from the workshop in which you inform the customer of the risks and cancel the vehicle's authorisation for use on public roads.

Please do not discard the removed parts and give them to the customer.

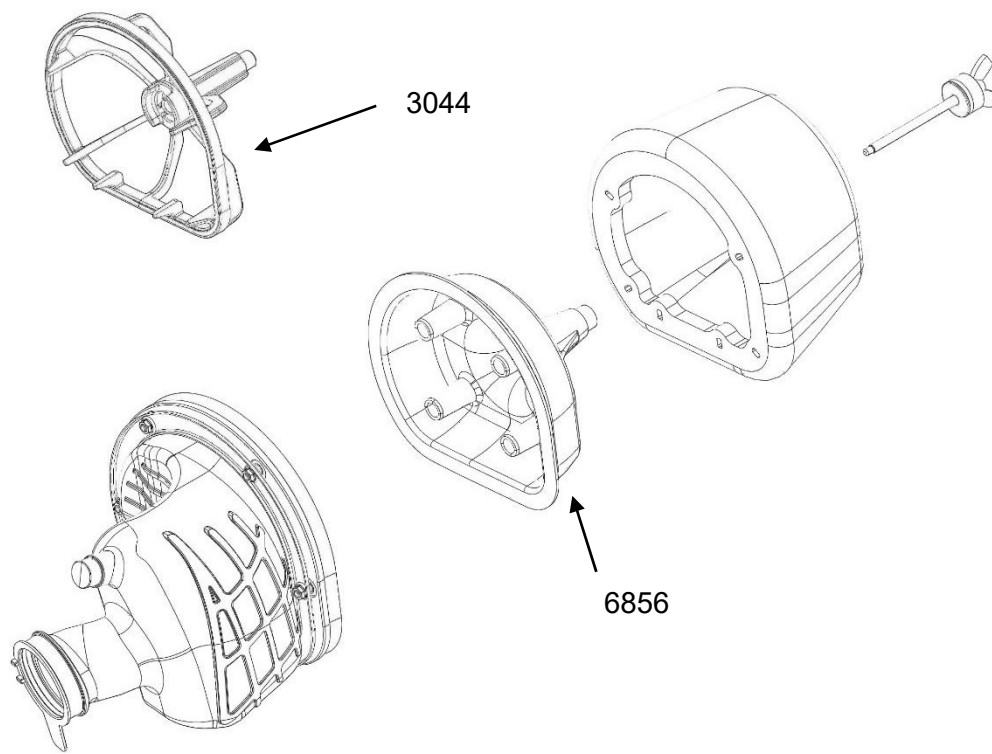
Note : This manual is exclusively reserved for the SHERCO network, any distribution is forbidden.

EXHAUST

Remove catalytic exhaust pipe (250/300→ 7106) (125→5911) and AIS valve (H377) And install racing exhaust pipe. (125→ 5909) (250/300→10468)



- Remove intake restriction (6856) and install filter basket (3044)



- Connect the bike to the diagnosis tool and make sure the latest mapping is installed.

All mappings are available on the Sherconetwork:

INFORMATION → TECHNICAL INFORMATION → INJECTION MAP

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SHERCO NETWORK

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TYPE

CARTOGRAPHIE D'INJE...

CATÉGORIE

ENDURO

ANNÉE

2024

RECHERCHER

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DATE	DESCRIPTION	FICHIER	VOIR
18/07/2023	254EEFC4_13700 250 SEF FACTORY 2024 AKRA	254EEFC4_13700 250 SEF FACTORY 2024 AKRA	📄
18/07/2023	304EEFC5_13700 300 SEF FACTORY 2024 AKRA	304EEFC5_13700 300 SEF FACTORY 2024 AKRA	📄
18/07/2023	514EEFB1 500 SEF FACTORY 2024 AKRA	514EEFB1 500 SEF FACTORY 2024 AKRA	📄
18/07/2023	454EEFB1 450 SEF FACTORY 2024 AKRA	454EEFB1 450 SEF FACTORY 2024 AKRA	📄

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- **Modify the carburetor settings :**

(Please note that the settings listed below are only a base, corresponding to an average temperature and altitude, and must be refined according to atmospheric conditions using the table in the workshop/owner's manual)

- 125cc :

Setting	Homologated	Racing
Jet needle	N84K	N1EE
Pilot jet	KEP 38	KEP 42
Main jet	KEA 115	KEA 170
Starter jet	50	85
Air screw	1 turn 1/2	1 turn 1/2

- 250cc :

Setting	Homologated	Racing
Jet needle	N84K	N1EG
Pilot jet	KEP 38	KEP 40
Main jet	KEA 115	KEA 162
Starter jet	50	85
Air screw	1 tour 1/2	1 tour 1/2

- 300cc :

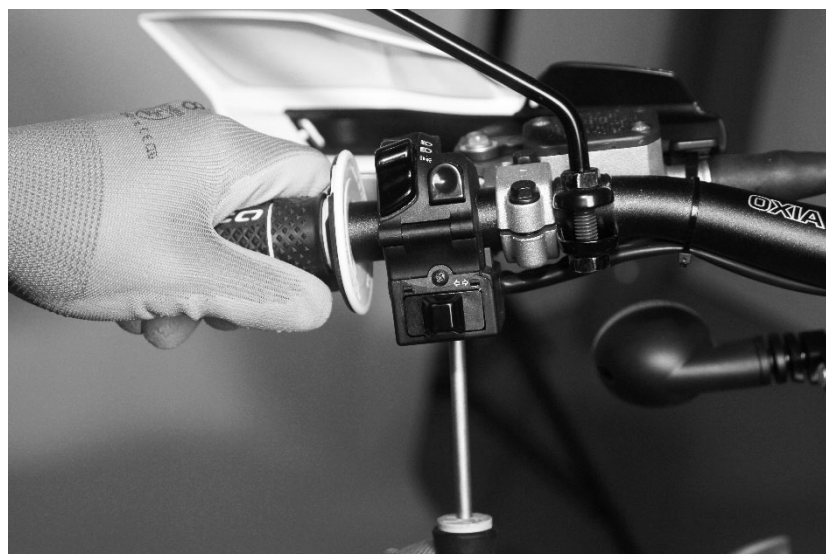
Setting	Homologated	Racing
Jet needle	N84K	N8RE
Pilot jet	KEP 38	KEP 40
Main jet	KEA 115	KEA 165
Starter jet	50	85
Air screw	1 tour 1/2	1 tour 1/2

- First all all remove :

- Seat
- Fuel tank
- Side panels
- Front headlight



Remove the original light switch (0413) and install the racing switch (3507) in the same position on the left handle.

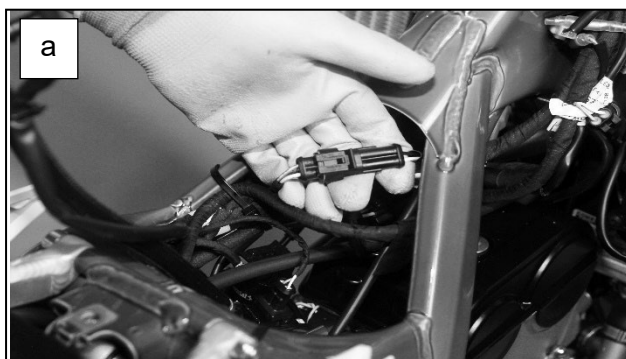


Remove original main standard lighting sub harness (8145) and replace with the racing lighting sub harness (6845)



Disconnect :

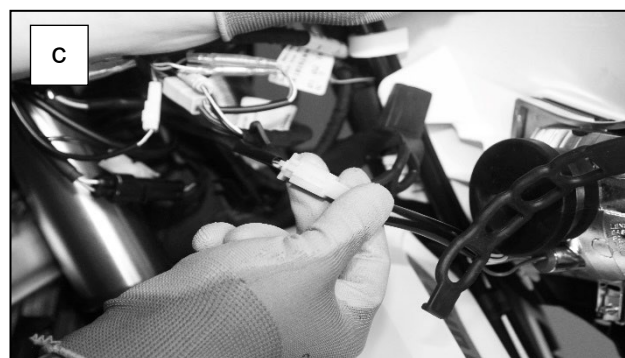
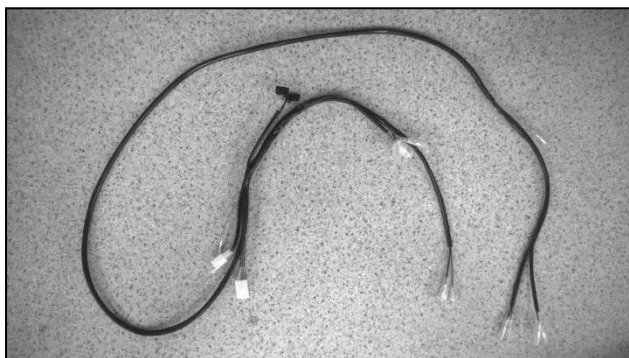
- a) Power supply plug
- b) Rear brake light / tail light wiring connector
- c) Speedometer connector
- d) left handlebar lighting switch



ELECTRICAL

Remove original accessory wiring harness, and disconnect :

- a) Blinker unit
- b) Blinkers
- c) Headlight connector
- d) Rear blinkers/ number plate light connector

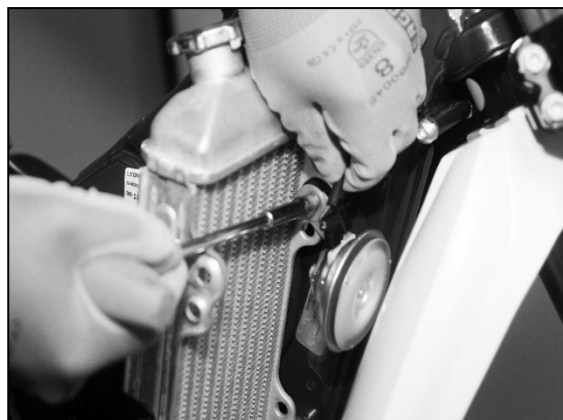


Remove the speedometer bracket (4389) and replace it by racing bracket (4526)

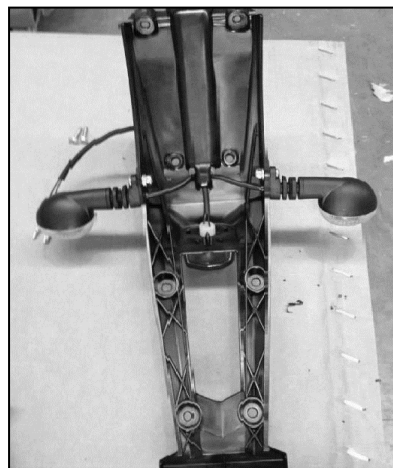


Remove all 4 blinkers.

Remove horn and horn bracket.



Remove the tail extension (3549)

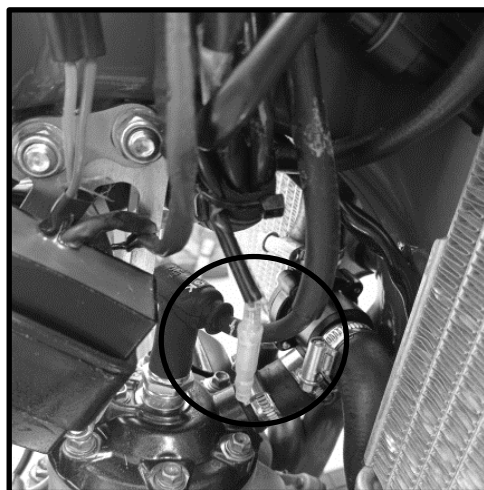


ELECTRICAL

Remove mirrors.



Do not connect the brown wire on the racing harness 6845.



SHERCO
AN EMOTION IS BORN

