

Service Center Training DT Swiss „Scott Techworkshop “

November 19th @ Scott CH



OE Information Scott

Program:

- General information wheels
 - General information new 370 hubs with 3 pawls
 - RWS
 - E.catalogue
- (5 mins break)
- Technical Training hubs
 - New 370 3 pawl

DT Swiss Trainer

Kai-Michael Gmür

(Service center & customer support assistant)

OE Information Scott

Scott / Syncros



Service Info:

- MTB wheels with new developed aluminium rims
- Road wheels with new carbon rims developed in cooperation with Scott (IAM)
- New rear hub with 3 pawl clicket system

OE Information SYNCROS

Syncros wheels identification



Service Info:

- There are Syncros wheels on the market which are **NOT** made by DT Swiss (> no DT Swiss name on the rim)
- DT Swiss made wheels can be recognized by the sticker



OE Information Syncros

Syncros wheels MY 2014



Service Info:

- All Syncros MTB wheels are built with straight pull spokes and carbon or aluminium rims
- Syncros Road wheels are built with carbon, carbon/alloy or alloy rims, spokes are all straight pull T-head
- All spare parts are available in the e.catalogue
- Spokes are available in boxes of 20

OE Information SYNCROS

Syncros Service specials:



Service Info:

- MTB Carbon rims come with original stickers under clear coat
- MTB Alu rims come with waterslide sticker (sticker not available at DT)
- Road Carbon rims come with waterslide sticker (sticker not available at DT)
- Road Alu rims come with waterslide sticker (sticker not available at DT)

OE Information Syncros

Syncros ASM wheels MTB



Service Info:

- XR 1.0 29" (Carbon)
- XR 1.0 27.5" (Carbon)
- TR 1.5 29"
- TR 1.5 27.5"

For further details check out "Syncros wheels and rims" on the e.catalogue!

OE Information Scott

Syncros OEM wheels MTB



Service Info:

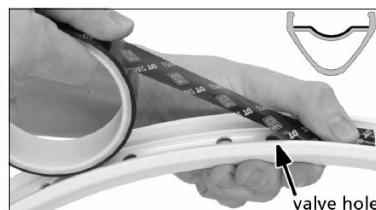
- XR 1.0 29" TLR (Carbon)
- XR 1.5 29" TLR
- XR-RC 29" TLR
- XR 2.0 29" TLR
- XR 1.0 27.5" TLR (Carbon)
- XR 1.5 27.5" TLR
- XR-RC 27.5" TLR
- XR 2.0 27.5" TLR
- XR 2.0 Contessa 27.5" TLR
- TR 1.0 27.5" TLR (Carbon)
- TR 1.5 27.5" TLR
- TR 2.0 27.5" TLR
- TR 2.0 Contessa 27.5" TLR
- TR 1.5 29" TLR
- TR 2.0 29" TLR
- AM 1.5 27.5" TLR

OE Information Syncros

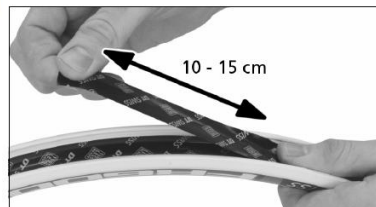
Syncros ASM wheels MTB

Apply the tubeless ready tape

1. Clean and degrease the rim bed.
2. Start applying the tape between the first and the second spoke hole next to the valve hole.
3. Apply the tape under tension in the rim bed. Ensure that the rim tape is applied centered in the rim bed.



4. Overlap the tape for about 10 - 15 cm and cut it.



5. Push the tape into the rim bed.



Service Info:

All MTB wheels come with tubeless ready tape:

- Tubeless ready tape mounted
- Valve included
- No more adhesive tape needed!
- New manual ready to download from DT Swiss website

All MY 2014 Syncros MTB Carbon wheels are released to be used with tubeless!

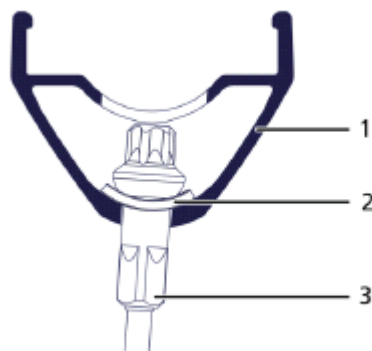
OE Information Syncros

Service Manual

The wheel must be built with the washers (PHR washers, see pos. 2) supplied. The PHR washers must be positioned between the nipple (see pos. 3) and rim (see pos. 1) and fit correctly within the radius of the rim.

DT Swiss recommends that the contact area between nipple and PHR washer is greased with DT Swiss multipurpose grease or an appropriate alternative.

DT Swiss Pro Head® nipples must be used for optimal transfer of the force.



Service Info aluminium rims:

- Special rim geometry design with larger rimbed
 - XR331 = 20mm
 - XM401 = 22.5mm
 - EX471 = 25mm
 - no eyelets
 - 27.5" and 29"
- All wheels built with the new SQUORX nipples (square/torx) and specially designed shims between nipple and rim
- PHR = Pro Head Reinforcement System
- Special torx tool available (TTSXXXXS05630S)
- Shims and Pro Head nipples are an important part of the whole system, in case of a spoke replacement it is crucial to mount the shim and use only original nipples

OE Information SYNCROS

Syncros ASM wheels road



Service Info:

- RL 1.0 28mm Carbon
- RR 1.0 38mm Carbon
- RR 1.0 55mm Carbon
- RR 1.5 Carbon/Alloy

For further details check out “Syncros wheels and rims” on the e.catalogue!

OE Information Syncros

Syncros OEM wheels road



Service Info:

- RL 1.0 28mm Carbon
- RL 1.1 38mm Carbon
- RR 1.0 55mm Carbon
- RR 1.5 Carbon/Alloy
- RP 1.5
- RP 2.0 (3 different designs)
- RR 2.0 (2 different designs)

OE Information SYNCROS

“wheels and rims”

DT SWISS

| 3.2 XR 1.5 27.5" TLR | | OE specific Wheel-Set (Spark, Scale 700 Premium) | | |
|----------------------|----------------------------|--|--|--|
| Wheel description | Hub description | Wheel number Weight | Spoke type | Nipple |
| FW, 15/100mm TA | 370/350, DBCL, TA15, 28L | WXRSCTAGIXS1T1634 660 g, +/- 10% | AEC 2.0/1 25/2.3 X 285 SP S AEC 2.0/1 25/2.3 X 286 SP S | ALUN 2.0 x 15 30-304 ST PH PL SCHWARZ |
| RW, 12/142mm RWS | 350, DBCL, 12/142 RWS, 28L | WXRSCTNGDAS1T1635 815 g, +/- 10% | AEC 2.0/1 25/2.3 X 286 SP S AEC 2.0/1 25/2.3 X 286 SP S | ALUN 2.0 x 15 30-304 ST PH PL SCHWARZ |

COMPLETE WHEELS ARE NOT AVAILABLE.
Wheel numbers are only for reference to find the relevant spare parts.



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Service Info:

- Detailed information to all DT Swiss built Syncros wheels is available in the “Scott wheels and rims” chart from the techbook
- Spare parts are available from DT Swiss, see e.catalogue

OE Information SYNCROS

New wheels hub:



Service Info:

- 3 pawls instead of 2
- Rotor seal and pawls from 370
- New tooth ring NOT compatible with ratchet system hubs
- New tool to unscrew the tooth ring
- Bearing can be removed without loosening the tooth ring
- Manual available on DT Swiss website
www.dtswiss.com/Ressources/Support/HUBS/DT-Swiss-Hubs-370-Technical-Manual
- Will be compatible with SRAM XD rotors in the future
- XD Rotor kits are not available yet

OE Information SCOTT

RWS rear wheels:

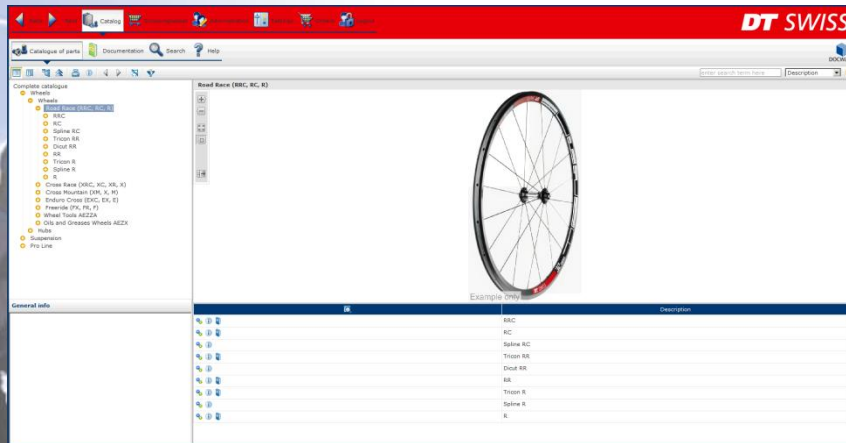


Service Info:

- RWS for rear wheels is part of the frame and not part of the wheel
- Spare parts for Syncros RWS are not available from DT Swiss

OE information Scott

Electronic parts catalogue:



Service Info:

- All Scott products are listed
- Access for wheels or wheels & suspension
- All shipments come from DT Swiss Poland
- Log in Required (please contact Scott HQ)
- Application forms in documentation

OE Information Scott

Electronic parts catalogue:

Advantage:

- Access to information for i.e. spoke lengths
- Direct ordering of parts possible
- Quick and Easy finding of products and parts

