

ABM

ergonomic style

Superbike Kit



Mounting Instructions
for
Triumph Thruxton 1200
Model year 2016-

• www.spieglerusa.com •



Warning



Important Safety Instructions:

- Working on the steering and brake system pose a safety risk. Brake and steering components should be installed by a certified motorcycle technician. If you are not a certified motorcycle technician, stop here and contact your local motorcycle service shop.
- During removal and installation of OE parts follow the Triumph workshop manual especially for the torque settings of fasteners.
- To guarantee safe functioning it is necessary that all contact surfaces of clamping connections are clean, dry and free of damages and oil, silicon or other cleaning solutions.
- It is important that you follow the recommend torque settings. The torque settings are for dry connections. Check the torque settings at each inspection of your bike.
- It is your obligation to check this product on regular intervals to ensure if service or replacement parts are needed.
- This handlebar riser kit is a safety related part of your motorcycle. After an accident or crash check the handlebar and replace it if there are any signs of damage.
- Never tie down your motorcycle at the handlebar during transportation on a trailer, truck etc.
- This product was developed for the stock motorcycle. ABM® Fahrzeugtechnik GmbH excludes any liability or warranty for damages which resulted from a combination with other aftermarket parts which might have been improperly installed or from a lack of maintenance.

1 Preparations

- Read and understand the 'Important Safety Instructions'.
- During the upcoming work your motorcycle could fall over. Make sure that your motorcycle is secured on an even floor and cannot fall over, roll away or similar.
- Keep children and pets out of the work area.
- Protect dismantled parts from getting damaged.
- Under no circumstances remove the upper triple clamp without relieving the front wheel; otherwise you could damage the lower triple clamp.
- During dismantling of the motorcycle watch how the parts were mounted and use the same bolts again when installing the parts back onto the motorcycle so far no other instructions are provided.

2 Content and recommended Accessories

Mounting Instructions – Handlebar Riser Kit 2016 Thruxton 1200

Needed special tools?	Torque wrench	Labor time:	Approx. 2-3 hours
Throttle cable(s):	Original	Fairing trimming:	No
Clutch cable / line:	New	Windshield trimming:	No
Brake line(s):	Original	Identification:	TH1P
Choke cable:	N/A		



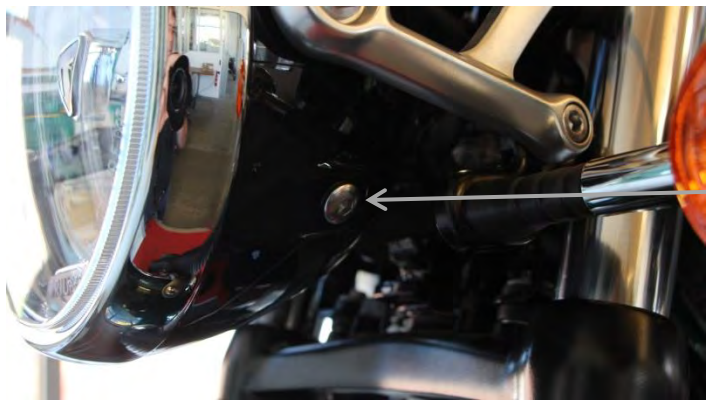
10116615 – Triple Clamp Thruxton 1200 2016- complete
1x Triple Clamp TH1P
1x Ignition/Speedo bracket TH1P
2x Riser clamp, upper BOOSTER 28
2x Riser clamp, lower BK1R
2x Spacer for riser clamps 15 mm
1x Reducer shims from Ø28,6 mm to 1" (Handlebar)
2x Bushing Alu Ø15xØ6,5x21
2x Bushing Alu Ø12xØ6,5x25
4x Socket head cap screw M8x25
4x Socket head cap screw M8x20
2x Phillips head screw M6x40
2x Phillips head screw M6x45
2x Phillips head screw M10x40
4x Finish plugs for socket head cap screws (Booster)
2x Shim washer DIN 7349 ST ID 10,5mm, 4mm thick
2x locking washer type 'Schnorr' M10

10115520 - Superbike Kit Thruxton 1200 2016- complete
1x Triple clamp set 10116615
1x Clutch cable
1x Handlebar LN 44 HD
1x Mounting set for mirrors
2x Press bushings (handlebar)
4x Cable ties
2x Slotted spring pins

3 Installation



Remove both mirrors.



Remove both mounting bolts for the head light.

Option A: Unplug head light and remove it and follow further headlight removal instructions under Option A.

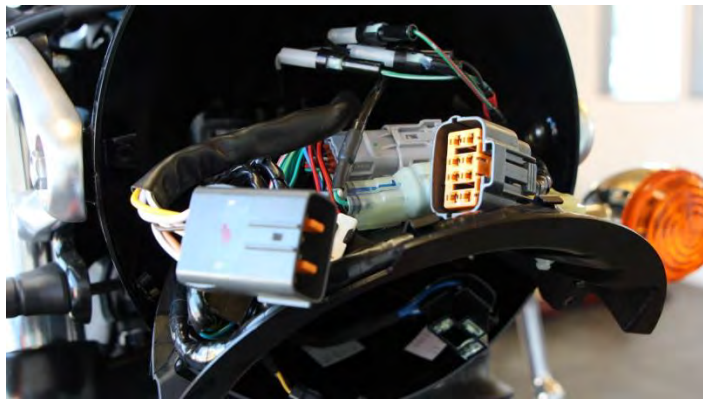
Option B: Use a towel and lay the headlight on the front fender without disconnecting any wires.



Option A:

Remove the screws for the plastic insert.

Mounting Instructions – Handlebar Riser Kit 2016 Thruxton 1200



Option A:

Loosen up all clips and remove the plastic insert completely.

Unplug the electrical connections for the ignition and instrument cluster.



Remove left handlebar grip with air pressure.



Remove all grips, brake/clutch/throttle and switch housings...

Mounting Instructions – Handlebar Riser Kit 2016 Thruxton 1200



... from the clip-on handlebars; in doing so pull the headlight cable completely out of the headlight housing.



Loosen up the clip-on bar screws subsequently removing the safety and clip-on bars.



Loosen the clamping bolts of the triple clamp and clip-on clamps on the fork leg.

Mounting Instructions – Handlebar Riser Kit 2016 Thruxton 1200



Loosen steering stem nut on the upper triple clamp. (Use cotton rag to avoid scratching the triple clamp)



Release front wheel (of the ground).

Move upper triple clamp and clip-on clamps upwards until the speedo cable is slightly under tension.

Loosen both speedo bolts. Carefully store the unit using a cotton rag or similar as shown on the picture below.

Use supplied M4x45 bolts and 25mm spacer later to reinstall.

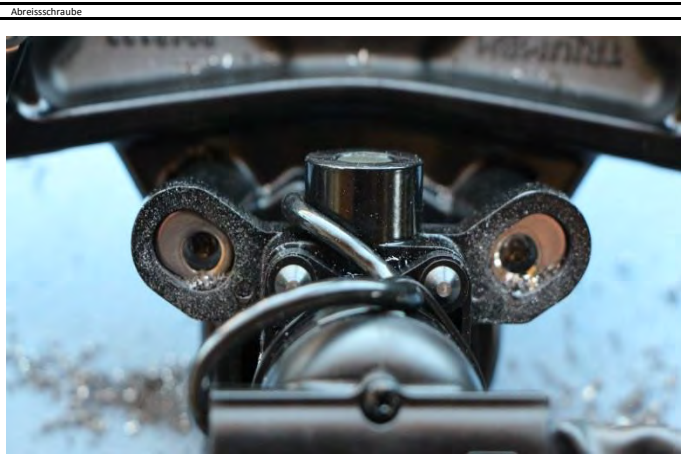


Remove upper triple clamp.

Mounting Instructions – Handlebar Riser Kit 2016 Thruxton 1200



Remove rubber grommets from the OE triple clamp and install them into the new triple clamp.



Drill out breakaway screw and remove ignition lock from OE triple clamp. Use a 6mm drill bit (or ¼" if no 6mm drill bit is around)

Reuse the oval shaped spacers at the new triple clamp.



Mount the speedo bracket using the M8x20 bolts to the new triple clamp; torque 22Nm (16 ft lb). Loctite blue is always a good idea!

Install the ignition lock utilizing the 21mm long bushings ($\varnothing 15 \times \varnothing 6,5 \times 21$) and M6x40 screws to the new triple clamp (torque specs 10Nm, 7.4 ft lb)

Drill out both bolt heads for antitheft protection.



Install the riser clamps (BK1R) and 15mm spacers to the triple clamp (torque 30Nm, 22 ft lb).

Use Loctite blue!

The wider side of the riser clamps shows forward.

Install the handlebar provisional and tighten the clamps only slightly.

Mounting Instructions – Handlebar Riser Kit 2016 Thruxton 1200



Mounting sequence bottom-up:

Use M10x40 bolt, locking washer M10, shim washer ID 10.5 (4mm thick) to install the lower riser clamps to the triple clamp. Remove the handlebar and shims and watch out that the M10 bolts do not stick out into the clamping area of the handlebar.



Position triple clamp completely over the fork legs.

Pay attention that the headlight bracket sits properly in the rubber grommets of the triple clamp.

Tighten the OE steering stem nut onto the triple clamp with the torque specs recommended by Triumph. Tighten the 2 clamping bolts of the triple clamp with 20Nm (14.75 ft lb).

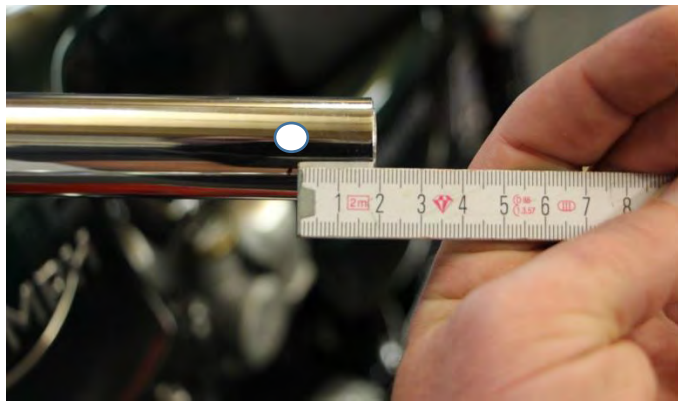


Install switch housings and clutch/brake/throttle onto the new handlebar.

Align handlebar, tighten up the handlebar bolts utilizing the handlebar reducer shims; torque spec 27Nm (20 ft lb).

Push finish plugs into the handlebar bolt heads.

Mounting Instructions – Handlebar Riser Kit 2016 Thruxton 1200



Mark the holes on both ends of the handlebar (20mm from the bar end).



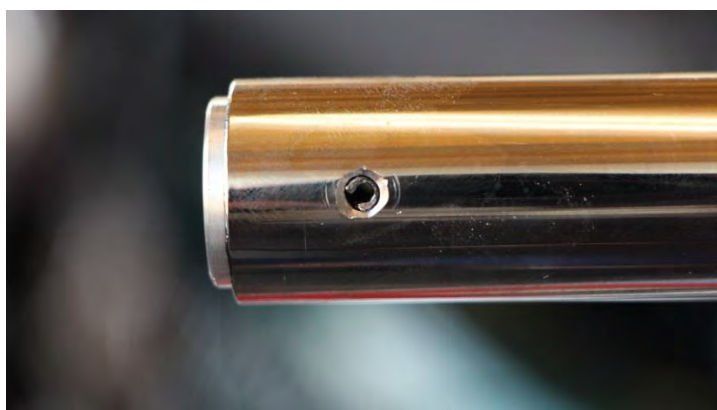
Drive both press bushings with a polyurethane hammer into the handlebar (countersunk to outside).

Attention: Drive press bushings only so far into the handlebar that they still stick out 6mm of the bar ends.



Drill the marked spot on the handlebar ends using a 4mm drill bit through handlebar and press bushing.

Advice: Do not use a drill bit larger than 4mm, counter sunk both sides slightly.



Drive in slotted spring pins.

Make sure that the slotted spring pins are not sticking out of one end. They need to be flush with the bar.

Mounting Instructions – Handlebar Riser Kit 2016 Thruxton 1200



Glue left rubber grip flush to the handlebar bushing. Use glue in reference to your Triumph manual.



Install right switch housing. The throttle tube should be flush with the handlebar bushing. For the final install of the switch housings it is necessary to drill holes into the handlebar for the locating pins (not for all models). Therefore wrap 1-2 layers of electrical tape around the handlebar (where the locating pins would be), align the switch housings and press onto the housings. Next center punch the marked positions and drill accordingly to the locating pin diameter.



Press the supplied spacer rings into the original plastic enclosure.

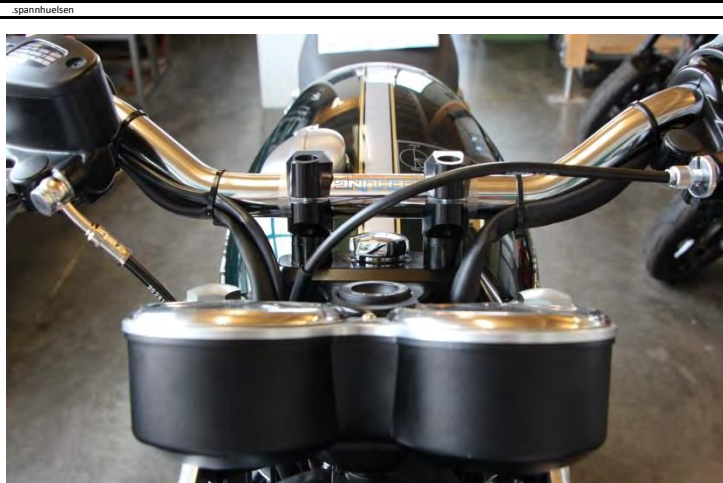
Slide the mirrors onto both parts.

Mounting Instructions – Handlebar Riser Kit 2016 Thruxton 1200



Install the mirrors with the supplied flat head screws and the original bar ends at the handlebar.

Make sure that the throttle grip rotates freely.



Remove the original clutch cable and replace it with the new one.

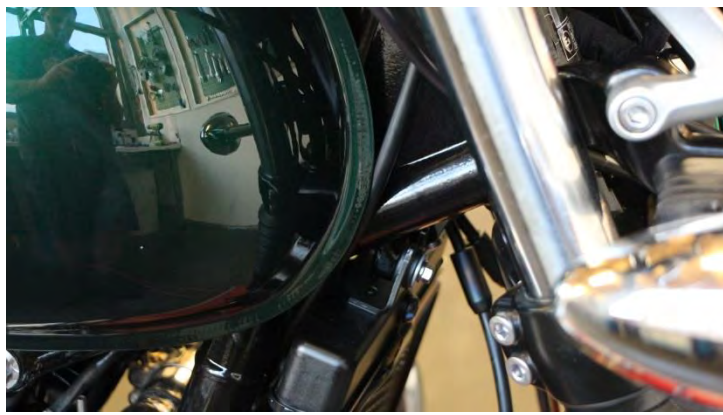
The routing of the new clutch cable will change!



Remove the protective rubber from the original cable and slide it over the new one.

Watch out not to damage the protective rubber.

Mounting Instructions – Handlebar Riser Kit 2016 Thruxton 1200



The new clutch cable will be routed over the radiator fan from the left to the right side...



... and will be pointing out between tank and frame Tank.

Hang the cable in and tighten it up to specs.

Route the harness through the headlight and connect them.

Assemble the headlight.

Use cable ties to mount the cables back to the handlebar.



Dispensed parts.

Install all other removed original parts back to the motorcycle.

Mounting Instructions – Handlebar Riser Kit 2016 Thruxton 1200



4 Final Check

- Check that at full steering lock (left & right) nothing gets kinked, shaved or pinched. All controls (brake, throttle and clutch) have to function without any problems. This needs to be checked also with compressing the suspension.
- All bolts have to be tightened to the recommended torque specifications.
- Make sure that the handlebar, switch housings have enough free play at left and right steering stop. The handlebar has to move from left to right steering lock freely. Check the play of the throttle cables, the rpm should not increase when moving the handlebar to left and right.
- After finishing the install check all components for leaks and function. Ensure that the brake fluid level in the reservoir is to specs. Check that the front wheel spins freely. Check the brake system and electrical systems.
- Do a test ride! After this test ride check again on all fasteners, leaks, proper install of all movable parts, enough clearance and a proper brake fluid level in the reservoir.
- After approximately 100 mi check all screw connections for proper torque specs. Check the handlebar and all controls again.