

CAE SHIFTING TECHNOLOGY GMBH

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INSTALLATION MANUAL CAE ULTRA SHIFTER FIAT 500 ART No. 10065



The Shifter is developed for use with center console without lateral storage compartment. This must be modified for the installation in accordance with this manual.

***General notes: glue all nuts / bolts during installation!
Use alcohol to clean all aluminium parts.***

Lubricate all joints regularly to make sure the long term functioning

RE-INSTALLATION STOCK SHIFTER

- Lever off the cover of the switch knob with a small screw driver and loosen the screw. Remove the shift knob and the shift boot.
- Remove top cover frame and center console
- lever off the TURNBUCKLE of the cables of the heads, which disconnect the cables with a pair of pliers from the ropes securing clips
- Die Originalschaltung ausbauen

UMBAU WÄHLSEIL KUGELPFANNE

- Recent years have an adjustable rope on the _select cable

- for mounting the console must this be converted



remove the plastic rope completely; smooth filing the ribbing until the ball fits about

push up the pan and tighten the hex inbus screws



The standard metal ball pans of older vehicle models do not need to be rebuilt:



EINBAU CAE SHIFTER



- Put the Washer on the upper left Bolt
- Mount the CAE Shifter and introduce the cables to the brackets





tighten the Shifter with 3 hex nuts and 1 inbus screw
 Fix the cables wit the stock clamps, use grease to slide them



Regularly in the bearing points of lever and diverter lever penetrating oil spray. This is absolutely necessary for a proper function.

We recommend Würth HHS2000

TUNING THE SHIFTRANGE

- The position of the gear lever can be adjusted to 4 cm at the lower end of the shift lever coupling Rod in the direction with the coupling rod adjust it that the shift lever at the 4th gear don't hits the with the bottom of the rocker, this is the the minimum length, the gear lever is in rearmost position
- Now switch the transmission into 3rd or 4th gear. This is the "Central position" of the gearbox, therefore move the shift lever just forwards or back.
- Now adjust the left coupling rod for synchronizing; pickled 3rd/4th gear must play on the shift lever on both sides equal be otherwise the adjust the rod again
- Tighten the Nuts on the Rod

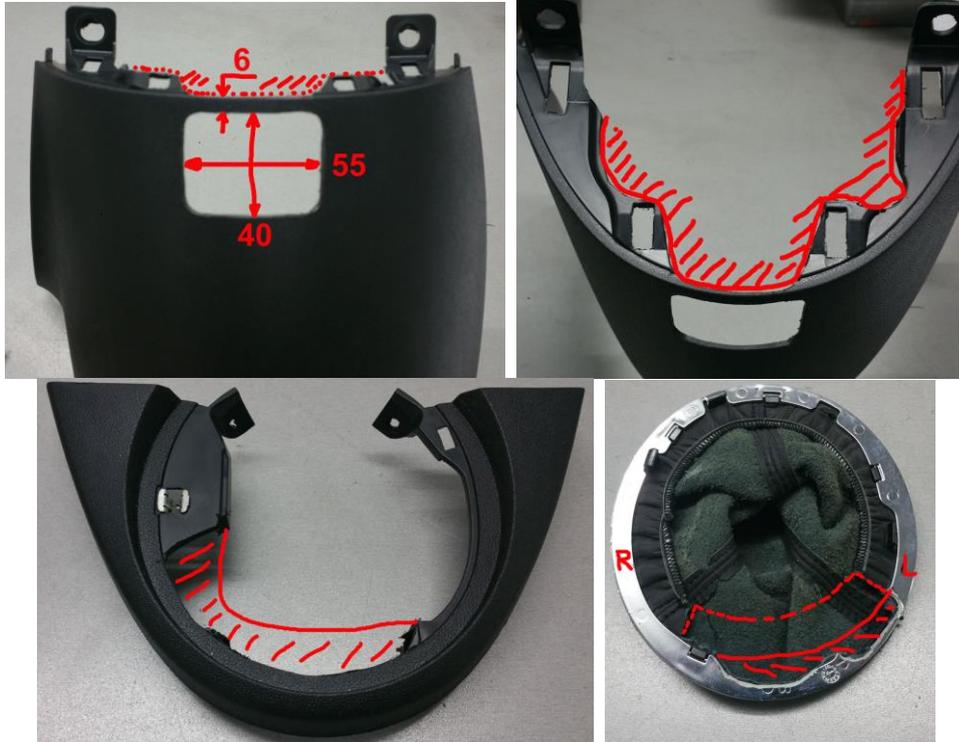


- Setting the side stops with 2, 5mm Allen wrench, screw are self-locking
- Shift via lever gearbox in level 1 / 2 (search) and adjust right screw until the gear 1 / 2 can be changed clean
- Now turn lever to gear 5 / R level and adjust left screw until the 5.(R.) can be insert clean.
- **WARNING:** The reverse gear is only reacable from Neztral position not from the 5th gear!!!!

**Check all funktions and settings while driving the car, wrong adjustment will destroy your gearbox !!
 If necessary readjust !!**

MACHINING CENTER CONSOLE

- we recommend the center console without storage compartment:
FIAT ART NO 0 735-481-675
- modify the center console according to these images
- Re-fit all parts
- check to free space of all moving parts



CAE WISHES A GOOD TRIP

If any questions or problems please contact us, we need your feedback to improve our products