



HANDYTECH FREETIME

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MOTORBIKES



We can supply kits for motorbikes using the following devices:

- SERVOASSISTED ORIGINAL CLUTCH
- SERVOASSISTED GEARBOX
- THUMB OPERATED BRAKE
- LEFT SIDE ACCELERATOR & FRONT LEFT BRAKE



SERVOASSISTED ORIGINAL CLUTCH

It works with linear potentiometer and the user can modulate the release based on the conditions of the road, on the changing action, and on the wear of the original clutch.

The device allows you to servo assist the original clutch of the motorcycle. After inserting the key with the ignition ON, the device is activated by reversing the main switch on the system. The potentiometer is triggered by pressing the lever with the functioning limb. When the clutch is pressed fully, the motorbike will start.

After turning on the vehicle, and with the clutch still fully pressed, first gear is engaged and the lever of the servo-assist system is slowly released. The user can thus control pressure on the lever according to road conditions (uphill, downhill, etc.), vehicle load (with passengers, luggage, etc.), and according to the wear conditions of the original clutch (new vehicle, old vehicle, etc). To change up a gear, the lever is pressed once again. To downshift, the procedure is similar, though with a more careful lever control for smooth gear change



SERVOASSISTED GEARBOX

- Possible to install on right and left side
- Electro-mechanic system
- Two possibilities on the actuators (Harley and «normal»)
- «Switch» ON/OFF
- Pressing the two buttons, it will be possible to program the neutral
- We use a control unit that allows to change without clutch
- Original system kept
- OnBar and UnderBar version
- Fully tested with DEKRA and Ministry



The device makes it easy to change gear and compensate for the difficulties or the impossibility of using the original controls. A three-position switch activates the device in two different operating modes.

THUMB OPERATED BRAKE

- Possible to install on the left side and for motorbikes with manual gearbox.
- The pump to use is a Ø 19
- The operation will be adjustable in length and width.
- It will work on the cylinder and not anymore on the rear caliper.
- Original systems of the bike kept
- Hydraulic system
- Really faster installation than before
- In the kit, it will be present also a specific piece for Harleys



This device allows you to brake with a lever fastened to the handlebar. It operates in the same way as any other handlebar brake, i.e. the braking force is controlled by how hard the lever is squeezed. The rear brake is operated by pressing a thumb-operated, 14 mm diameter lever, equipped with a radial master cylinder, and mounted on the left handlebar. This is possible because the radial master cylinder is connected to the rear brake caliper via a tailor made, hydraulic pipe with eyelets. The system is equipped with a pressure sensor on the hydraulic circuit to put on the brake light.

LEFT ACCELERATOR AND FRONT BRAKE

- We are the only one to have this solution in a kit.
- Transfer of the operation from right to left.
- Mechanical solution.
- It reproduces the original operation, so the installation is possible on motorbikes with mechanical accelerator and also on motorbikes with potentiometer.
- Kit with supports.



QUAD BIKES

We can supply kits for QUAD bikes using the following devices:

- SERVOASSISTED GEARBOX
- BRAKES ADAPTATIONS



THREE WHEELERS

We can supply kits for Spyder Can Am, Spyder Can Am Ryker and all three wheelers using the following devices:

- BRAKES ADAPTATIONS
- WHEELCHAIR PICK UP AND LOADING



UTV'S

We can supply driving devices and transfer systems for UTV's and similar vehicles.

- DRIVING SYSTEMS
- WHEELCHAIR PICK UP AND LOADING
- TRANSFER SYSTEMS

