

FLYWHEEL TOOL

#182010

NEW



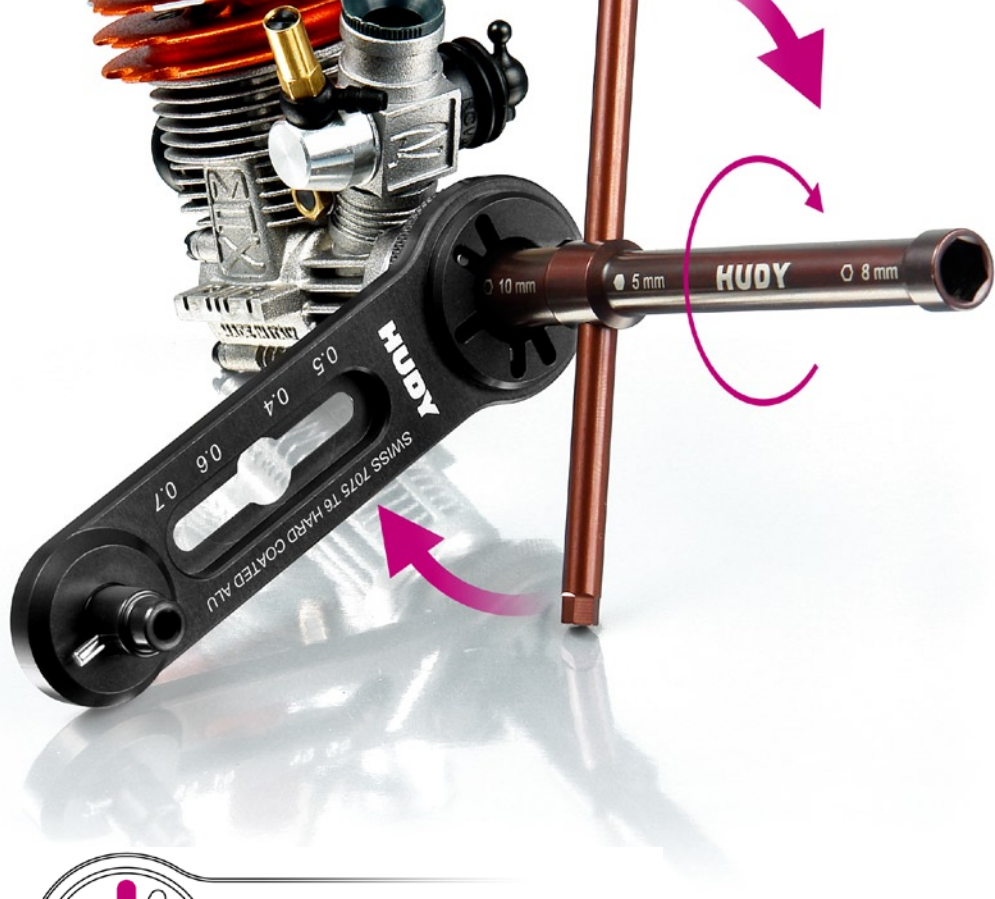
HUDY

The versatile HUDY Flywheel Tool is an all-in-one tool for nitro car engines. It performs 3 useful functions:

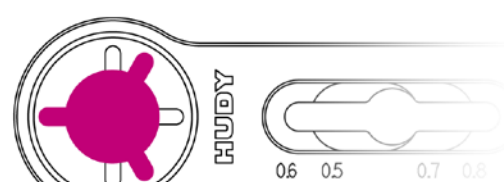
- FLYWHEEL HOLDER
- CLUTCH GAP MEASUREMENT
- CLUTCHBELL HOLDER FOR PINION

HUDY Flywheel Tool is CNC-machined from premium Swiss 7075 T6 aluminum, hardcoated for long life and highest durability. The tool is hardcoated using the world's most modern fully-automatic, robot-operated hardcoating line to ensure the highest quality of the process. The Flywheel Holder will hold all modern RC nitro car flywheels with 2-to-4 pin designs. The Clutchgap Measuring Tool covers a range of 0.5–0.8mm which is the most common range of clutch gaps in modern RC nitro cars. The Clutchbell Holder is used to hold centrifugal-axial style clutchbells with threaded pinion gears used on most modern nitro touring cars.

FLYWHEEL HOLDER



4-PIN FLYWHEEL



3-PIN FLYWHEEL



2-PIN FLYWHEEL

The HUDY Flywheel Tool enables you to loosen or tighten the flywheel nut very comfortably and easily.

The Flywheel Tool may be used for on-road (XCA-style) and off-road flywheels.

To tighten or loosen the flywheel nut simply slide the tool onto the flywheel pins using the correct slots depending on the type of flywheel used and hold it. The tool enables you strongly hold the flywheel and using the #107581 HUDY Clutchnut Tool you can easily tighten or loosen the flywheel nut.

ON-ROAD (XCA-STYLE) FLYWHEEL



Use tool THIS WAY for on-road XCA-style clutches (deep flywheel).

OFF-ROAD FLYWHEEL



Use tool THIS WAY for off-road clutches (flat flywheel).

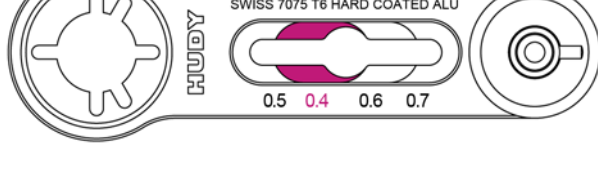
CLUTCH GAP MEASURING TOOL



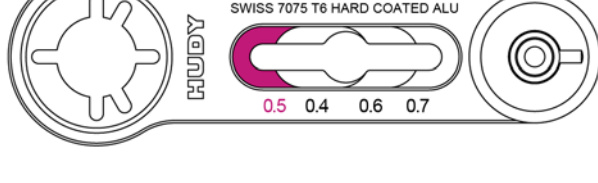
Another excellent feature of the HUDY Flywheel Tool is the Clutch Gap Measuring Tool, which allows you instantly, comfortably and quickly measure the clutch gap.

TOOL INSTALLATION: Place the tool's central hole over the clutch thrustbearing holder. Slide the tool sideways so the thin measuring area is between the edge of the collar and the outermost thrustbearing plate.

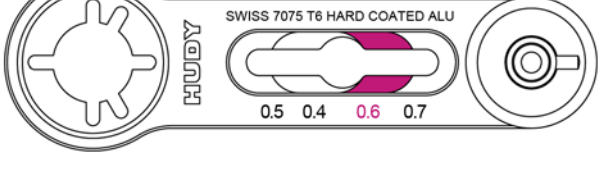
CLUTCH GAP MEASUREMENT: Slide the tool to the measurement area where the tool become bound; this is the clutch gap of the clutch.



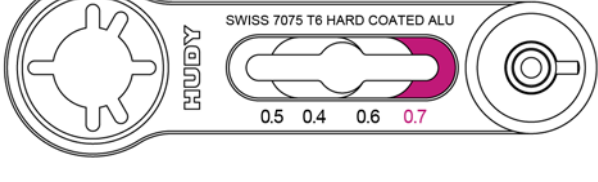
0.5mm CLUTCH GAP



0.4mm CLUTCH GAP



0.6mm CLUTCH GAP



0.7mm CLUTCH GAP

EXAMPLE: If the tool can be moved into the 0.7mm area but not the 0.8mm area, the clutch gap is 0.7mm.

CLUTCHBELL HOLDER



The last unique feature of the HUDY Flywheel tool is the Clutchbell Holder for pinion installation and removal. Using this tool you can easily and very comfortably hold the clutchbell for pinion installation or removal.

Slide the clutchbell onto the tool shaft, and then push the locking pin through the aligned holes in the clutchbell and tool.

Please note that this tool was designed specially for the XRAY NT1 clutch bells therefore some of the other clutch bells in the market may not fit.

PINION INSTALLATION: Screw the pinions onto the clutchbell, and tighten with the pinion wrench. Use the pinion wrench which is suitable for your pinion gears brand.

Install the inner (2nd gear) pinion first, then install the outer (1st gear) pinion second.



PINION REMOVAL: Mount the clutchbell on the tool as described above. Using the pinion gear wrench suited for your particular pinion gear brand, remove the outer (1st gear) pinion first, then remove the inner (2nd gear) pinion second.

If you have any questions, please do not hesitate to contact HUDY at info@hudy.net or visit our website at www.hudy.net for news and updates.