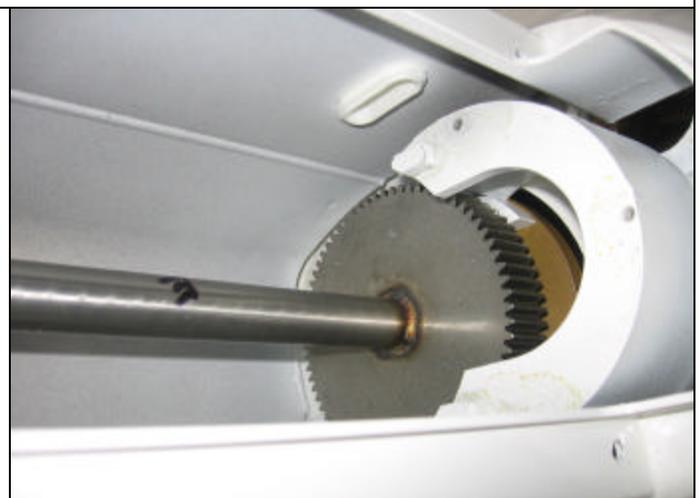


45CC Electrical Stage Autopilot Installation Update (1-23-2006)

1. If the pedestal housing without fwd access cover, the autopilot should be older version of drive unit. Pedestal housing comes with front access cover, new version of autopilot drive unit should be installed.
2. Updated autopilot includes new pedestal housing, steering shaft (upper coupling to pedestal shaft), autopilot drive unit. Old version drive was mounted on deck, newer version drive unit is mount inside the pedestal housing, and there is a access cover on fwd section of pedestal housing.
3. Remove cockpit table, Loosen 4 socket head fasteners from pedestal housing, remove pedestal from access cover, now, steering shaft with gear teeth & drive mounting platform can be seen inside the pedestal housing. The autopilot drive unit will be mounted on the platform with their power output shaft teeth interlock to each other.
4. Mount and install autopilot drive unit on motor platform, turn pedestal steering shaft inside pedestal housing to align with drive unit output shaft, using sock head that comes with motor package to secure the motor to mounting platform.
5. There are 2 set of wires comes out the drive unit, one is for motor power supply, the other one is for drive unit clutch, power supply wires (blue & black) are twisted together with black insulation, and clutch wires are gray insulation with both brown and white wires inside insulation. Stripping out their insulation ends and connect with designated wires that are ran from course computer. (see following diagram)
6. Use barrel connectors to bridge those wires and apply heat shrink insulation to all wires.
7. Store all wires inside pedestal housing then secure access cover back in place.



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