

CVT Service Record

The transmission is the highest-wear system on a scooter and the least documented. One sheet for everything that goes in it, with the measurements taken each time.

Fill the machine block in once. Then one row per service, with the measurements taken before the old parts go in the bin.

THE MACHINE

MAKE AND MODEL	ENGINE FAMILY NUMBER	DISPLACEMENT
		cc
CASE: SHORT OR LONG	CVT COVER BOLT COUNT	VARIATOR OUTSIDE DIA
		mm

SERVICE LOG

DATE	MILES	WHAT WAS REPLACED	PART FITTED — EXACT MARKING	OLD PART MEASURED

BELT RECORD

DATE	MILES AT FITTING	MARKING ON BELT	WIDTH NEW MM	WIDTH AT REMOVAL MM	MILES IT LASTED

THE LAST COLUMN IS WHY THIS SHEET EXISTS

Published belt intervals for these machines vary wildly and none of them is about your machine. Two entries in that column and you have your own figure, which is the only one that accounts for how you ride and what the rest of your transmission is doing.

ROLLER RECORD

DATE	MILES	SIZE FITTED	WEIGHT EACH G	OLD ONES FLAT?	WHY CHANGED

CLUTCH, SPRINGS AND SLIDERS

DATE	MILES	WHAT WAS CHANGED	DESCRIPTION OF THE PART FITTED	EFFECT NOTICED

INSPECT WHILE IT IS OPEN

- ☐ Belt: cracks across the cogs, glazed sides, frayed edges, sharp tapered edges
- ☐ Rollers: flat spots, uneven diameters within one set, crumbling material
- ☐ Ramp plate and sliders: worn, notched or missing
- ☐ Variator faces: scored, stepped or grooved where the belt runs
- ☐ Clutch shoes: material remaining, even wear, no cracking
- ☐ Clutch bell: scored, blued from heat, or worn oval
- ☐ Any oil or grease inside the case
Something is leaking that should not be
- ☐ Case vent and air duct clear of dust and debris
- ☐ Crankshaft nut and clutch nut torqued and secure

OIL INSIDE THE CVT IS A FINDING, NOT A MESS

The transmission runs dry. Oil or grease inside it means a crankshaft seal, a gearbox seal or an over-greased bearing is leaking into it, and a belt that has been contaminated will keep slipping however new it is. Find the leak before fitting a new belt, or you will be fitting another one shortly.

NOTES

Need to work out what you actually own?

The Scooter Parts Registry is a free public record of the Chinese factories behind US-market scooters, ATVs and go-karts — brand, engine family, VIN prefix, factory and related machines. No account, no email.

thescooterparts.com/identify