



Volvo I-Shift & Mack mDRIVE Transmission - Installation Checklist

Lubricants - Transmission contains no lube	
	Drive Trainer suggest using Volvo Synthetic Transmission oil 75W80 NOTE: For a complete list of approved lubricants see "OEM Approved Lubricants" at https://www.drive-trainer.com/volvo-mack
TECU Top Cover	
	Remove and install top cover NOTE: For a complete how to video see "Removing & Installing" the TECU top cover at https://www.drive-trainer.com/volvo-mack
Clutch and related components	
	Confirm clutch related parts are free from wear
	Ensure the flywheel was resurfaced
	Confirm there is no wear on the dowel pins
	Lubricate the input shaft with dry graphite or a light coat of white lithium grease
	Confirm there is no oil or grease on any of the friction surfaces
Driveline Components	
	Confirm u-joints are free from wear
	Confirm carrier bearing is free from wear
	Confirm yoke seal surface and splines are free from wear
	Confirm ride height is set to manufacturer's specification
	Confirm driveline is in phase and is properly balanced
	Confirm proper driveline angles
Power Take-Off (if equipped)	
	Confirm proper installation - see Volvo's PTO installation bulletin PV776-89169795
Transmission Heat Exchanger (if equipped)	
	Clean and flush cooler system
	Complete pressure testing to confirm no leaks are present
Air System	
	Confirm proper function of air dryer
	Confirm truck pressure to inspect for leaks
Post Installation	
	Complete clutch calibration and gear re-learn