

VOLVO CAR SERVICE AND PARTS BUSINESS					
<h1>Special Tools Bulletin</h1>					
TITLE: Shop Equipment					
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“Right first time in Time”

As Volvo sales and service volumes increase and our vehicles become more complex, it is more important than ever, that our service facilities keep pace with customer expectations.

The Volvo workshop plays a critical role in the ownership experience. This experience can often be dictated by the actions and capabilities of the service facility. It is critical that our shops have the latest tools and equipment available.



Having a clean, well-lit environment with state of the art equipment will enable the technicians to perform cost efficient repairs and fault tracing that will support the fix right - first time - in time (FRFTIT) goal.

For optimal efficiency, it is essential your technicians have the best equipment available when they need it. Generally, tools and equipment should be located in a dedicated area and in such condition that they can be put to use in less than 2 minutes.

Service Personnel: Read and initial	SERVICE MANAGER	PARTS MANAGER	WORKSHOP FOREMAN	SERVICE TECHNICIANS												



Tools and equipment used for measuring should be regularly checked, cleaned and calibrated.

Health and safety equipment will prevent unnecessary accidents and injuries. To ensure everyone's safety, technicians should have access to personal protective equipment (PPE), including safety glasses, gloves and ear protection, to name a few.

In order to meet this challenge, the Volvo Dealer Equipment program provides you with one-stop access to many name brand equipment manufacturers and suppliers, including:



PROFESSIONAL LIFTING EQUIPMENT





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Below is a general list of equipment that every workshop should have. It is not intended to be all inclusive, but it does highlight specific equipment that Volvo considers mandatory for every workshop to have.

Some tools are classified as “Volvo Special Tools” and are available outside the program. They are listed here to illustrate the importance of having them available.



Ordering of equipment couldn't be easier. The Volvo Dealer Equipment program enables retailers to buy workshop equipment through Bosch and have it billed directly to the monthly parts statement. * **(US only)**. This enables you to better budget the cost of higher priced items.

The Volvo Dealer Equipment program is accessible at the following link:

<http://volvodealersolutions.com/>

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Category	Equipment Description	OEM Number	Required	Bulletin No.
A/C Equipment	A/C Recovery Equipment (R134a) Robinair	42-34788NI	X	
A/C Equipment	Aircomatic Evaporator Cleaner	211-03003		
A/C Equipment	Glasses and UV Lamp for A/C leak detection Robinair	42-16235		
A/C Equipment	Pressure Gauges for R134 (can be combined with machine)	NA		
A/C Equipment	Thermometer TIF digital	49-TIF7201		
A/C Equipment	1234yf Recover, Recycle, Recharge A/C Machine Robinair ***	42-AC1234-6		
A/C Equipment	ArcticPro ACX1280 - R1234yf Air Conditioning Service System Mahle ASS (RTI) ***	362-460 80386 00		
Battery and Charging	Battery Hydrometer OTC Refractometer	75240		
Battery and Charging	Battery Charger (Trickle) Associated	110-3075A		
Battery and Charging	Battery Jump Starter Pack Associated	110-6256		
Battery and Charging	Battery Maintainer for SWDL Support (Midtronincs) 70amp	165-MSP-070-2	X	ST-431
Battery and Charging	Battery Recharging Station Volvo Specific ? Associated	110-6127	X	
Brakes	Brake Bleeding Kit Power Probe with EU adapters	275-ST-BBE-2-5		
Brakes	Brake Dust Extractor Brake Washer J CLAYTON COMPANIES	90-BCE-300		
Car Wash	Polishing Machine Part of Car wash	NA		
Car Wash	Pressure Washer Cam Spray 1000gpm, electric	21-1000X		
Car Wash	Pump Sprayer Local Source bug sprayer	NA		
Diag Scope	Oscilloscope Omitec Master Scope	733-KA597-B	X	ST-150A/ SPJ30412
Diag Scope	Video Scope OTC	16-3880X		
Diag	Engine Ear Listening Tool Bosch electronic	16-3590		
Diag	Chassis Ear Listening Tool Matco wireless	682-WCE97203		
Diag	Outside Micrometer 0 - 4" set	378-6151		
Diag	Stethoscope Bosch	16-4491		
Dial Indicator	Dial Indicator Central OTC	378-6413		
Dial Indicator	Magnetic Attachment for measuring stand Central	378-6413		
Dial Indicator	Magnetic Measuring Stand for Dial Indicator	NA		
Fuel Systems	Evaporative Leak Tester to .020" Bosch OTC Leak Tamer	16-6522	X	SPJ25712
Fuel Systems	Smoke Machine (Redline)	697-95-0070	X	
Fuel Systems	Fuel tank draining pump and container John Dow 30 gal. gas	320-FC-P30A-UL		SPJ25713
Glass	Oven for Windscreen Glue Reliable dual cartridge	521-831110		
Glass	Glass Repair Kit for windscreen GlasWeld	756-GW-W31120		
Glass	Glue Gun for Windscreen Replacement (dual cartridge)	NA		
Glass	Window Lifter Suction Handles Equalizer	732-SSC209		
Glass	Windscreen Replacement Tools See Line	521-900 589 046700		
Glass	Windscreen Stand Bosch	713-001-01128UN		
Headlamp	Headlamp Alignment Instrument (Halogen, Xenon) American Aimers All Systems	665-82002		SPJ32242



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Category	Equipment Description	OEM Number	Required	Bulletin No.
Health and Safety	Safety Glasses	319-SAS5334		
Health and Safety	Emergency Eye Washer Station Wright tool Co	223-7360B-7460B		
Health and Safety	Ear Protection Local Source	NA		
Health and Safety	Fire Extinguishers Local Source	NA		
Health and Safety	First Aid Kit MSC Industrial 4 shelf wall mount	425- MSC66802786		
Health and Safety	Floor Cleaning Equipment WRANGLER 2730 W/ CURVED	313-2708264		
Health and Safety	Fresh Air Breathing Mask Medco	624-3M-7189		
Lift	2 Post Lift 10,00 (Rotary)	39-SPOA10RATR		
Lift	4 Post lift, 14,000 lbs (Challenger)	67-4P14EXF		SPJ25660
Lift	Axle OR Jack OTC Jackstands 3 Ton	16-1733-A		
Lift	In ground Lift Rotary 10,000 lbs	39-SL210i-RA		
Lift	Scissor Jack Norco Floor Jack	311-71233A		
Lift	Scissor Lift Challenger 7,700 lb Express Serv.	67-DX77		SPJ25661
Lift	Floor Jack 1500kg capacity	NA		
Lift	Transmission Hoist Single piston Trans Jack	16-5237	X	
Lift	Component Table Hoist (HV battery) OTC	16-GE-52200	X	
Lift	Electric Vehicle and PHEV Battery Assemblies Lift Table	16-GE-52200		ST-229
Shop	Component Degreasing (Parts Cleaning, Washing) Engines and Transmissions, Better Engineering	539-G-2000		
Shop	Airline Reel and Hose Graco	686-HPL25E		SPJ26117
Shop	Compressed Air System Gardner Denver Duplex 10HP 240	27-HR10D24-460-3		
Shop	Compressed Air System Dryer Gardner Denver	27-CRN75A1		
Shop	Bench Vise Wright 8"	332-648HD		
Shop	Bin for Fluid spill absorption material ARK 10 Gallon Spill Kit	736-11025		
Shop	Coolant Hydrometer See OTC coolant Refractometer	75240		
Shop	Crimp Pliers for Upholstery (Hog Nose) 2 Piece set Medco	624-KDT-3702		
Shop	Cylinder Leakage Detector ISN	319-5609		
Shop	Drain Liquid Container John Dow 16 gallon oil drain	320-JDI-16DC-E		
Shop	Engine Hoist OTC collapsible	16-1819		
Shop	Engine Stand OTC 2,000 lb Rotating	16-1735B		
Shop	Exhaust Extractor with CO adapter Custom Eurovent above	320-xxx		SPJ26116
Shop	Feeler Gauges Medco 31 blade set	624-LIS-68100		
Shop	Oil Filter Press (Environmental Process) OTC 10 Ton	16-1821		
Shop	Hot Air Gun Wright 104 - 1040F	223-8977-20		
Shop	Hot Melt Glue Gun Local Source	NA		
Shop	Hydraulic Press (10 Ton) OTC 20T	16-1824A		
Shop	Hydraulic Pump (Nike)	Model HTJ1200		
Shop	Induction Heater	200-36563		
Shop	Inspection Lamp	NA		
Shop	Radiator Pressure Cap ISN	516-ASSFZ25		
Shop	Right Angle Drill			
Shop	Rust Inhibitor Gun Sata HRS	319-SAT9795		

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Shop	Screw Extractor Kit Local Source or Medco	624-AHN-11119		
Shop	Slide Hammer Bosch set	16-4579		
Shop	Stand for Workshop Towels. No Stand, Stack only	319-KIM33036		
Shop	Threading Kit Local Source	NA		
Shop	Threading Kit (Insert / Heli Coil Type) Local Source	NA		
Shop	Time Clock Office Max, Call for quote	OMAXN93600SS		
Shop	Vacuum Cleaner Alpha 16 Gal wet/dri	313-5702504		
Shop	Waste Bins 10 Gal oily rag waste can Wright	223-09300		
Shop	Waste Oil Drain unit	320-JDI-16DC-E		
Shop	Waste Oil Pump unit Air operated Graco to tank ea	11-223-695		
Shop	Water can and filler Balcrank	44-6110-028		
Torque	Torque Wrench 1/2" Drive Bosch OTC	16-7377		
Torque	Torque Wrench 1/4" Drive Medco	624-KDT-85072		
Torque	Torque Wrench 3/4" Drive ISN	516-PREC4D600F		
Torque	Torque Wrench w/ Needle and Gauge Medco	624-KDT-2955		
Vehicle Protection	Steering wheel protection covers Dell Corning	696-30-001	X	
Vehicle Protection	Fender protection covers Petosky no slip	544-FB-P9933-84	X	
Vehicle Protection	Car Seat protection covers Reuseable Product Solutions Blue	708-RSC-525-25BLUE	X	
Welding	Gas Welding Equipment (no tanks)	319-AST8080		
Welding	Mig Welding Equipment Elektron Push Pull	105-EL900012		
Wheels and Alignment	Computerized Wheel Alignment machine for 4 wheel measuring and printable results	Hunter Custom	X	SPJ25716
	Complete Hunter system Scissor rack, instruments, Quick Check, accessories	See above		
Wheels and Alignment	Tire Mounting Machine Hunter Revolution	1-TCR1S-BLK		SPJ25718
Wheels and Alignment	Tire Pressure Gauge ISN	319-MILS976		
Wheels and Alignment	Wheel Balancer (Road Force Elite) Hunter and accessories	1-RFE03-VO, 1-RFE13-VO or 1-RFE33-VO	X	ST-227
Wheels and Alignment	Universal Flange Plate Kit	1-20-1839-IVO		

*** Some model year 2020 vehicles may be equipped with HFO-1234yf Refrigerant.