



TURBO SAVIOUR

EXTENDS THE LIFE OF TURBOCHARGERS

OIL ACCUMULATOR & FILTER

The “**TURBO SAVIOUR**” has been designed to carry out two separate functions within the one component:

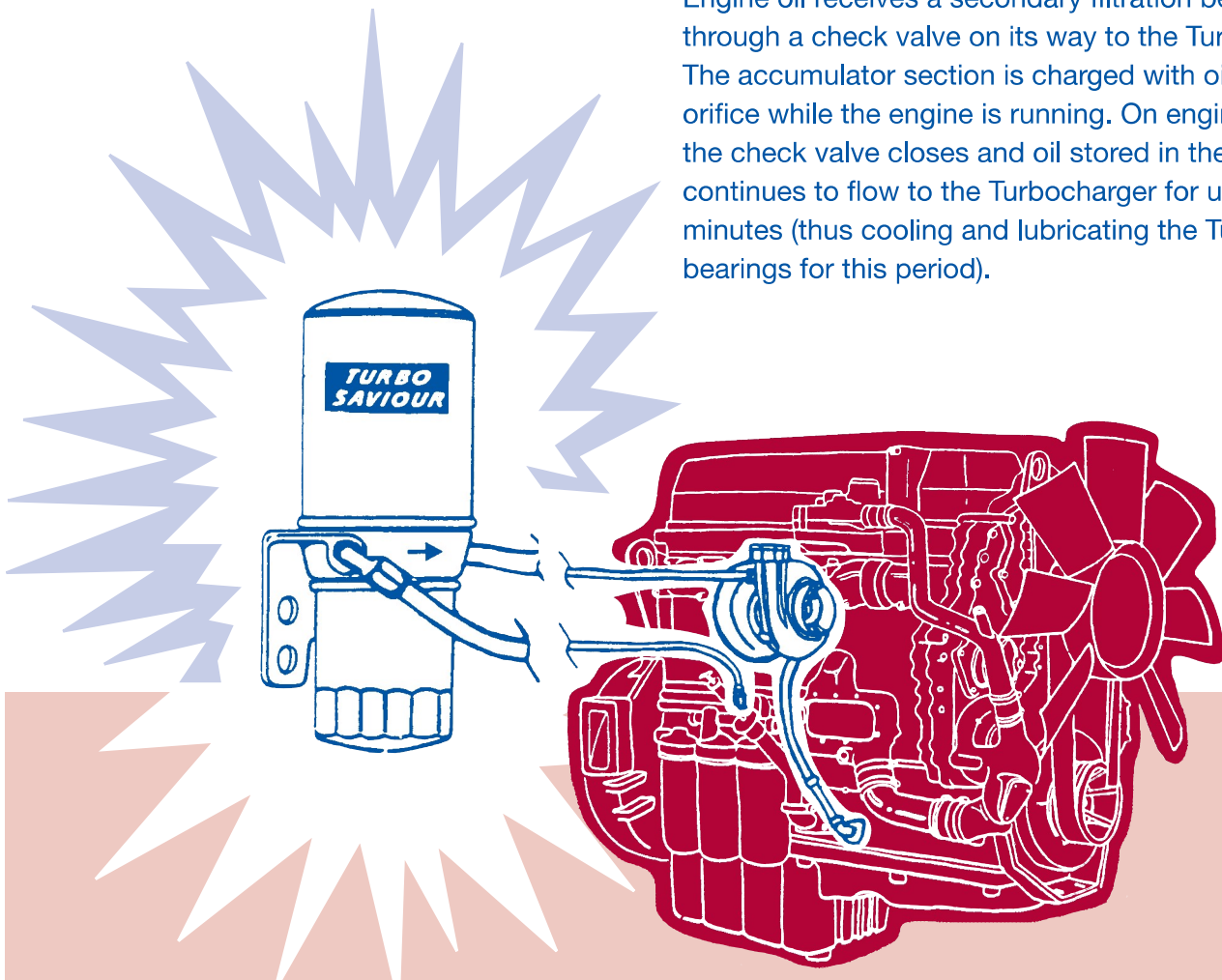
1. Complete filtration of oil supply to the Turbocharger.
2. Provide a continued supply of oil to the Turbocharger after engine shut down.

DESCRIPTION:

The “**Turbo Saviour**” has a cast alloy centre section incorporating a mounting flange, built in check valve and a provision for the spin-on oil filter. The accumulator section is a purpose spun alloy canister and includes a Nitrile Bladder.

OPERATION:

Engine oil receives a secondary filtration before passing through a check valve on its way to the Turbocharger. The accumulator section is charged with oil via a bleed orifice while the engine is running. On engine shut down the check valve closes and oil stored in the accumulator continues to flow to the Turbocharger for up to five minutes (thus cooling and lubricating the Turbocharger bearings for this period).





TURBO SAVIOUR

INSTALLATION INSTRUCTIONS

1. Secure the "TURBO SAVIOUR" in a convenient location via the mounting bracket. The unit must be mounted vertically (i.e. large canister to the top).

NOTE: THE TURBO SAVIOUR MUST BE INSTALLED BY A QUALIFIED ENGINE / DIESEL MECHANIC

2. Disconnect the Turbocharger oil feed hose at the Turbocharger. If possible use this hose as the oil supply to the "Turbo Saviour" inlet.
3. Manufacture new hoses as required (same size as oil feed hose) to connect the "Turbo Saviour" in line to the Turbocharger. Fill hoses with new oil before connecting to Turbocharger.

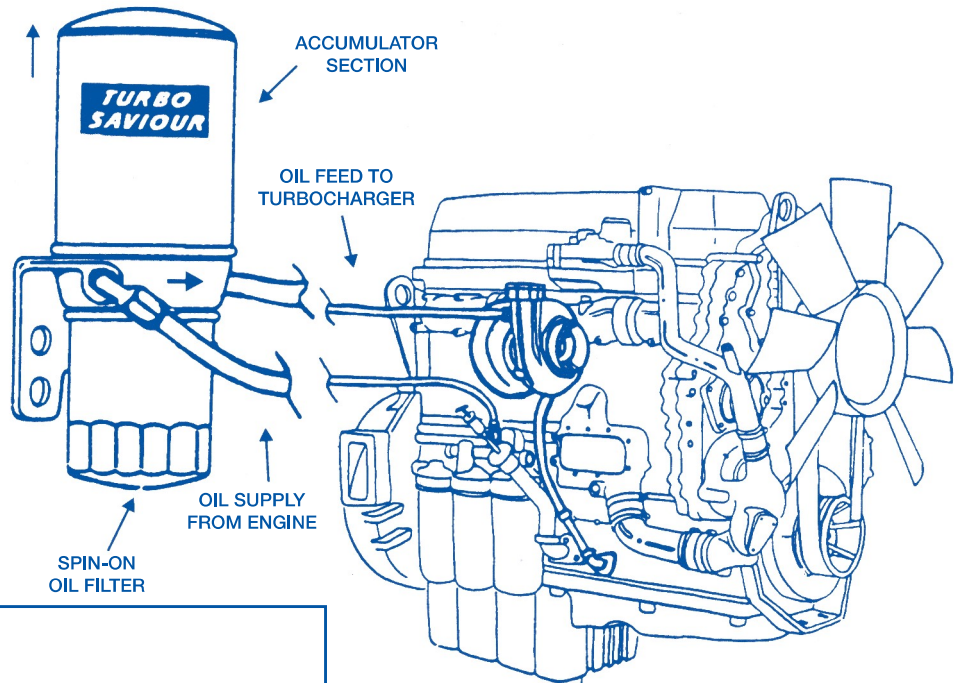
IMPORTANT

DOUBLE CHECK THE OIL FLOW DIRECTION THROUGH THE "TURBO SAVIOUR" IS AS PER THE ARROW INDICATION ON THE UNIT

4. Fill the spin-on oil filter with new engine oil and refit to "Turbo Saviour".
5. If possible, crank engine without starting to prime oil supply system to Turbocharger.
6. Start engine at idle speed and check for oil leaks.

SPECIFICATIONS	
Overall Height	270 mm
Accumulator Dia.	115 mm
Filter Dia.	95 mm
Mounting Flange	110 x 87 mm
Bolt Holes (4 off) Dia.	10 mm
Oil Inlet - Female	3/8" NPT
Oil Outlet - Female	3/8" NPT
Dry weight	2 Kg
Oil Capacity (Charged @ 60 PSI)	750 ml
Oil Filter (Recommended)	Donaldson P550318 Turbo Saviour TSSSO93

MUST BE MOUNTED VERTICALLY



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