



The background of the entire page is a close-up, blue-tinted photograph of a person's hands working on a mechanical component. The hands are holding a metal rod or shaft. On the rod, the words "MADE IN GERMANY" and "SERVICE" are visible, along with the Hatz logo. In the foreground, a Hatz engine is shown, with the word "SUPRA" on its black cover. The engine has two large, circular, silver-colored components that look like flywheels or pulleys. The overall tone is professional and technical.

HATZ

Hatz Americas Customer Support Quick Guide

*Locate Hatz's Service Partner Map
For Quick Support Nearest You*

Customer Support

- Technical Support
- HDS2 Issues
- Warranty Claims
- Warranty Submittal
- Warranty Coverage

262-955-8580; Press 0 for VM

- service@hatznorthamerica.com
- warranty@hatznorthamerica.com

Maintenance Information

Engine Model	Fuel Filter	Air Filter	Filter Kit	Oil Qty.	Valve Lash
1B30	Inline	Round	2265500	1.2qt/1.1L	.1mm
1B30E			2163300	1.2qt/1.1L	.1mm
1B40 / 1B50			2265700	1.6qt/1.5L	.1mm
1B50E			2160900	1.6qt/1.5L	.1mm
1D81			2265302	2qt/1.9L	.1mm int. .2mm exh.
1D90			2265302	2qt/1.9L	.3mm
1D90E			2154400	2qt/1.9L	.3mm
3H50	Dual	Round	2404000	5.3qt/5L	N/A
		Obround	85250349	5.3qt/5L	N/A
	Single	Round	2658900	5.3qt/5L	N/A
		Obround	85250350	5.3qt/5L	N/A
4H50	Dual	Round	2404000	7.4qt/7L	N/A
		Obround	85250349	7.4qt/7L	N/A
	Single	Round	2658900	7.4qt/7L	N/A
		Obround	85250350	7.4qt/7L	N/A

*Information is for standard spec. engines only.



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