# Mending Neural Implicit Modeling for 3D Vehicle Reconstruction in the Wild Shivam Duggal\*, Zihao Wang\*, Wei-Chiu Ma, Sivabalan Manivasagam,











## Evaluation on NorthAmerica Dataset



## Method ACD (mm) $\downarrow$ Recall (%) ↑ 22.76 49.56 ONet 77.59 GRNet 12.70 65.58 SAMP 176.42 71.54 DIST 19.55 17.29 72.50 DIST++ 84.71 DeepSDF 8.34 7.02 86.48 Ours<sub>no-finetune</sub> 5.93 88.18 Ours<sub>finetune</sub>

5.36

89.05

leconstruction	It	nage +	Lidar Co	ompletion
DIST Ours	+ LiDAR	R GT	DIST	DIST++ Ours
↓ Recall (%) $\uparrow$	_	Method	ACD (mm)	$\downarrow$ Recall (%) $\uparrow$
48.82	_	DIST	23.40	71.99
84.32		DIST++	17.52	72.65

Ours