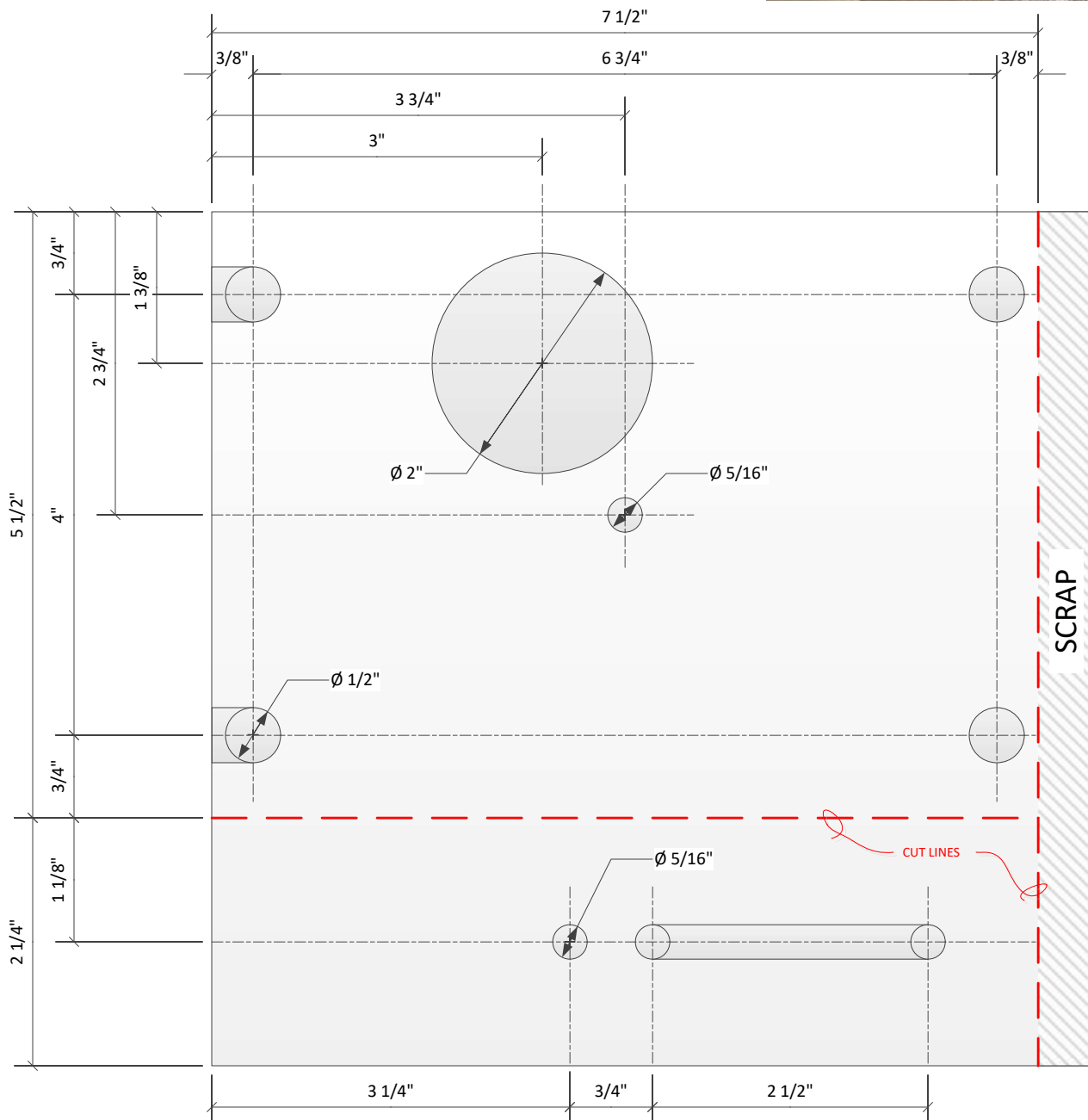
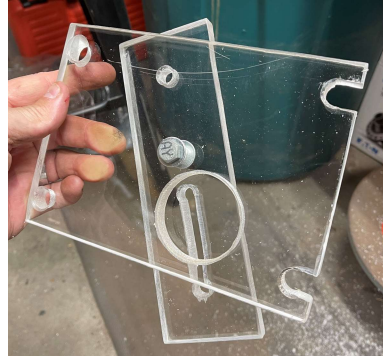


Pinion Depth Measuring Jig – AMC 20

Build Notes:

- 8" x 8" x 1/2" Acrylic Plexiglass. ([Amazon \\$18](#))
- Leave protective film on while cutting and drilling
- I cut with a variable speed Jig Saw
- I drilled with standard twist drill bits and a 2" hole saw bit
- Cut and Drill SLOWLY.
- Too much heat and it will weld itself back together
- Shaded areas are holes or cut-out areas
- Spare bolt fastener, mine is a 5/16" x 1-1/2" bolt, washers, and nut.
- Video showing how to use: [YouTube Video](#)



AMC 20 Rear Axle Shim Combinations

QTY	Size	Set1	Set2	Set3	Set4	Set5	Set6	Set7	Set8	Set9	Set10	Set11
1	0.0790											
1	0.0780											
1	0.0750	1	1	1	1	1	1	1	1	1	1	1
1	0.0570											
1	0.0200			1					1	1		1
1	0.0160		1				1	1				1
2	0.0120	1			1	2		1		1	2	
1	0.0100				1		1		1		1	
Total		0.087	0.091	0.095	0.097	0.099	0.101	0.103	0.105	0.107	0.109	0.111
Target		0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099
Delta		0.012	0.008	0.004	0.002	0.000	0.002	0.004	0.006	0.008	0.010	0.012

AMC 20 Rear Axle Shim Combinations

QTY	Size	Set1	Set2	Set3	Set4	Set5	Set6	Set7	Set8	Set9	Set10	Set11	Set12	Set13	Set14	Set15	Set16	Set17	Set18	Set19	Set20	Set21
1	0.0790								1					1		1						
1	0.0780							1					1		1				1		1	
1	0.0750	1	1	1	1	1				1	1	1					1	1	1		1	
1	0.0570						1			1							1	1		1	1	1
1	0.0200	1	1	1	1		1				1	1	1	1	1	1			1			
1	0.0160			1	1	1	1	1	1		1	1	1	1	1	1			1		1	1
2	0.0120	1	2		1	2	2	2	2		1	2	1	1	2	2		1	2	1		
1	0.0100	1		1		1	1	1	1		1		1	1			1		1			
Total		0.117	0.119	0.121	0.123	0.125	0.127	0.128	0.129	0.132	0.133	0.135	0.136	0.137	0.138	0.139	0.142	0.144	0.145	0.147	0.148	0.151
Target		0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099	0.099
Delta		0.018	0.020	0.022	0.024	0.026	0.028	0.029	0.030	0.033	0.034	0.036	0.037	0.038	0.039	0.040	0.043	0.045	0.046	0.048	0.049	0.052

Project Rowdy Parts List

Date	Description	Vendor	Manufacturer	Part Number	Qty	Extended Price
Axles						
Front						
4/11/2022	Motive Gear Dana 30 3.73 Gear Set	Amazon	Motive Gear	D30-373	1	\$145.59
4/11/2022	Motive Gear Dana 30 Master Rebuild Kit.	Amazon	Motive Gear	R30RMKT	1	\$99.95
2/6/2022	Lucas Heavy Duty 80W-90 Gear Oil	AutoZone	Lucas		2	\$18.00
	VHT Primer	Advanced Auto	VHT			
	VHT Paint	Advanced Auto	VHT			
Rear						
1/30/2022	Rear Axles - Moser 1 piece Axle Upgrade Kit	Summit	Moser	MSR-CJ-S	1	\$418.70
4/11/2022	Eaton Detroit Truetrac LSD	Amazon	Eaton	912A579	1	\$771.67
4/11/2022	Motive Gear AMC 20 3.73 Gear Set	Amazon	Motive Gear	AM20-373	1	\$223.80
2/8/2022	AMC 20 Master Rebuild Kit	Amazon	USA Standard Gear	ZK M20	1	\$118.35
5/2/2022	Timken Bearing (Pinion Rear Bearing)	RockAuto	Timken	M802048	1	\$12.26
5/2/2022	Timken Race Pinion Rear Bearing)	RockAuto	Timken	M802011	1	\$6.00
5/14/2022	Extra Pinion Depth Shims	Amazon	Motive Gear	1127	1	\$11.65
6/8/2022	Differential Shims	Amazon	Motive Gear	SS12	1	\$20.13
2/6/2022	Lucas Heavy Duty 80W-90 Gear Oil	AutoZone	Lucas		2	\$18.00
2/6/2022	VHT Primer	Advanced Auto	VHT		2	\$18.78
2/6/2022	VHT Paint	Advanced Auto	VHT		2	\$18.78
				Subtotal		\$1,638.12