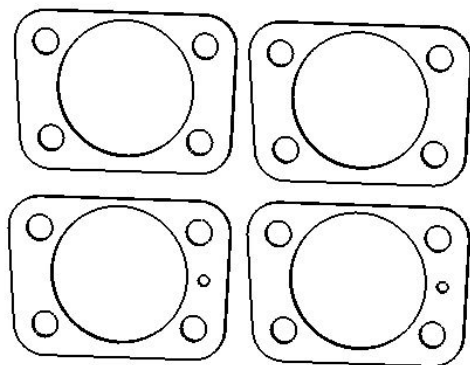




HDP45-17 Rear Alignment Kit Instructions



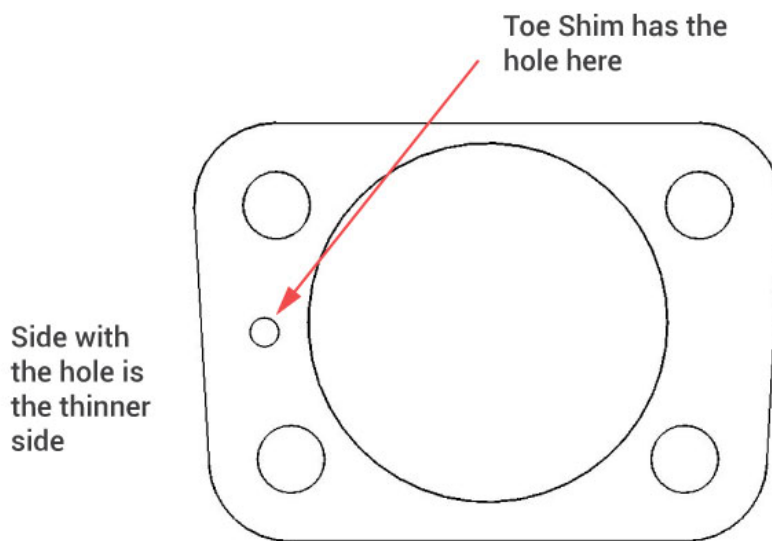
No.	Description	Quantity
1	Neutral Toe 1 Degree Camber Shim	2
2	Combined Toe and 1 Degree Camber Shim	2
3	Replacement Spindle attachment bolts	8

Determining Which Shim to Use and What Orientation

Step 1: Locate your last alignment sheet or obtain a new one. Specifically we are interested in the rear alignment settings

Rear Axle			Before	Specified Range
Camber	Left		-2°34'	-1°00' / +1°00' -1°00'
	Right		-1°53'	-1°00' / +1°00' -1°00'
Toe	Left		2.9mm	1.0mm / +2.0mm -1.0mm
	Right		8.3mm	1.0mm / +2.0mm -1.0mm
	Total		11.2mm	2.0mm / +4.0mm -2.0mm
Thrust Angle			-0.22°	0.00° / +. . . . -
			2°16'	2°10' / +1°00' -1°00'

Step 2: If your **before** rear toe is within the target range already, you will install the shims etched “-1 DEG CAMBER” only.



If you have more toe in than desired, you can compensate for this by installing the toe shim with the thinner side (hole side) facing toward the rear of the car

If you have more toe out than desired, you can compensate for this by installing the toe shim with the thinner side (hole side) facing toward the front of the car

Step 3: During post installation alignment confirm the new settings. Note that the accuracy of alignment machines can vary.

The Table Below Specifies Honed’s Recommended Alignment Settings:

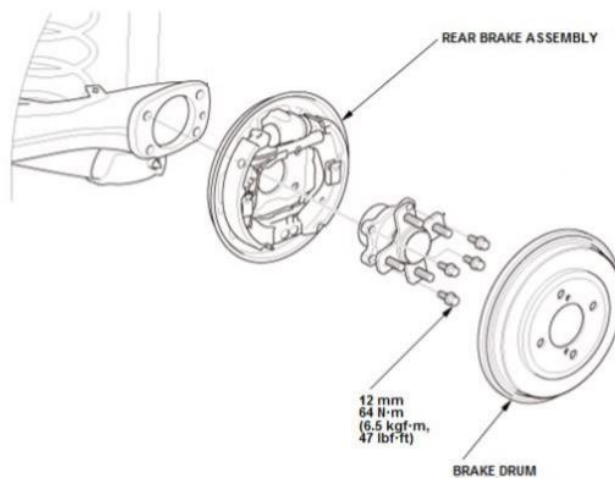
	Honed Recommendation	
Front Axle		
Individual Toe	0mm	
Camber	-3 degrees	
Caster	+1 to +4 degrees	
Rear Axle		
Individual Toe	+1.5mm (toe in)	
Camber	-2 to -2.5 degrees	

Installation Guide

1. Lift rear of car and support on axle stands (under the rear sill)
2. Remove the rear drum, you may need to use jacking screws. Make sure the handbrake is disengaged.



3. Remove the four main spindle connection bolts



4. Remove bolt from handbrake line bracket (lower side of beam).

5. Unclip ABS sensor wire retaining clip



6. Carefully pull the spindle and brake assembly away from the beam, you are just trying to expose the 10mm fastener holding the ABS sensor to the hub. Once exposed, remove this bolt.
7. Install chosen shim between the rear spindle and the beam.
8. Re-fit the ABS mounting bolt
9. Install the provided socket head cap screw fasteners
10. Torque these fasteners to 64 N.m (47 lb ft)
11. Reassemble
12. Verify your new alignment settings