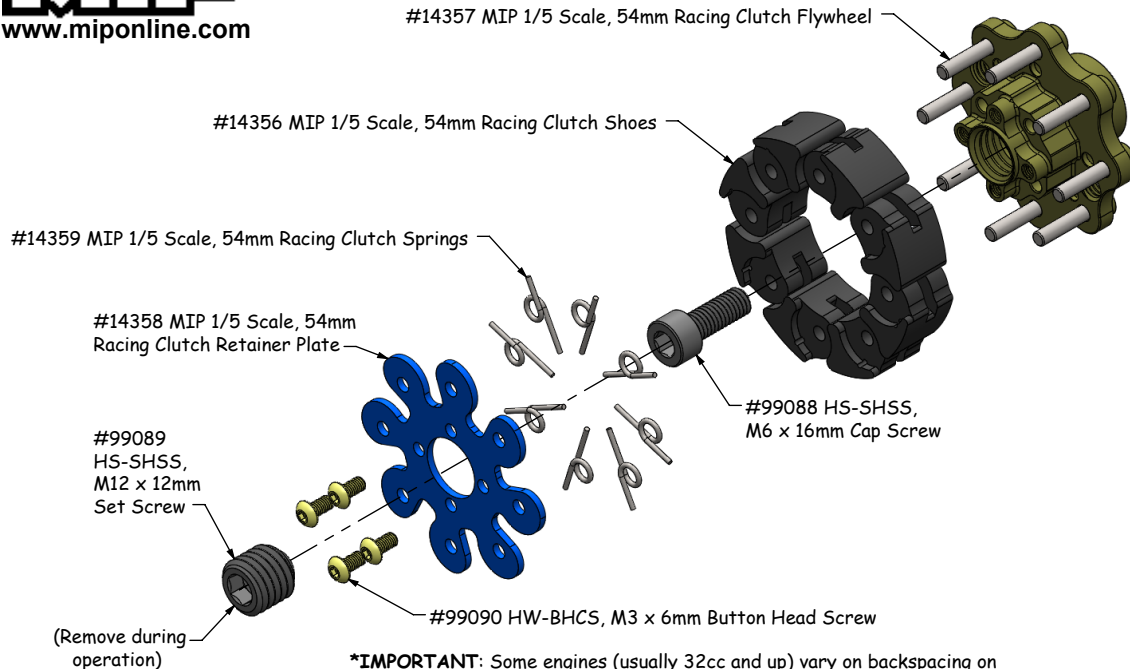


# #14355 MIP 1/5 Scale, 54mm Racing Clutch, 8-Shoe



**\*IMPORTANT:** Some engines (usually 32cc and up) vary on backspacing on crankshaft length so if you have had to modify the original clutch backplate to be accepted on an aftermarket engine than the MIP clutch may not be compatible. The dimensions used for the backspacing of the MIP Racing Clutch were based off of the stock Losi 1/5th scale clutch and backplate.

## Required Tools Needed:

- 2mm, 4mm, 5mm, 6mm Hex Tool
- Torx T-27 (Depending on stock configuration)
- Hook Tool or L-Key Hex Tool that is 3/32 or smaller

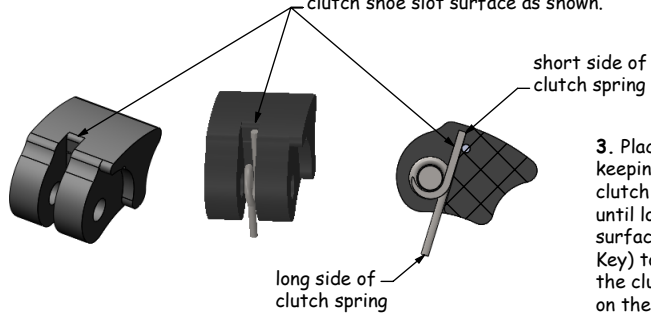
## Suggested Tools Needed:

- Piston Stop  
(Recommended: HPI #Z966)
- Flywheel Puller  
(Recommended: HPI #Z965)

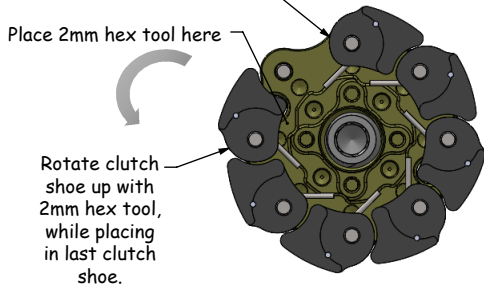
1. Remove engine from vehicle, remove stock clutch from engine. (Suggested tools needed: Piston Stop and Flywheel puller).

# #14355 MIP 1/5 Scale, 54mm Racing Clutch, 8-Shoe

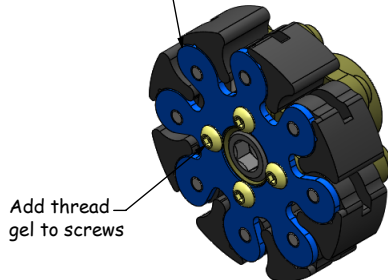
2. After stock clutch is removed, place the clutch spring in between the clutch shoe slot aligning the spring loop and clutch shoe hole, before inserting on to the flywheel. Make sure that the short side of clutch spring wire is oriented correctly against the clutch shoe slot surface as shown.



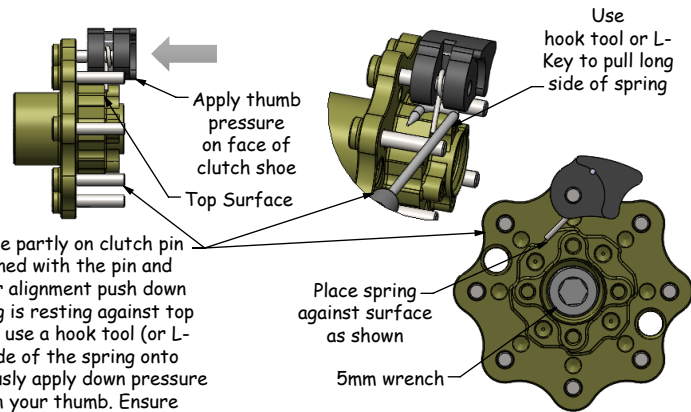
4. Insert the remaining clutch shoes and springs on to the flywheel in a counter-clockwise direction. Placing the last clutch shoe on, will require that the previous clutch shoe be rotated back a little for clearance. Use the 2mm hex tool under the first clutch shoe to rotate the clutch shoe up, while placing in the last clutch shoe.



5. Line up the clutch retainer screw holes to the threaded holes on the flywheel. Apply thread gel to button head screws and then tighten using a 2mm hex wrench. (do not leave loose or over tighten screws)



3. Place the clutch shoe partly on clutch pin keeping the spring aligned with the pin and clutch shoe hole. After alignment push down until long side of spring is resting against top surface of clutch. Now use a hook tool (or L-Key) to pull the long side of the spring onto the clutch, simultaneously apply down pressure on the clutch shoe with your thumb. Ensure that spring and clutch shoe hole are aligned when seated.



6. Then use M6 cap screw to attach flywheel to crankshaft. Reassemble engine and place back into vehicle. Now go WIN SOME RACES.

## How to Remove MIP 54mm Racing Clutch, 8-Shoe

