Hydraulic Pressure Plate Adapter w/ Angular Ball Bearing

These instructions apply to a bike equipped with AIM's SDR Max V2 using an AIM Hydraulic OEM clutch adapter.
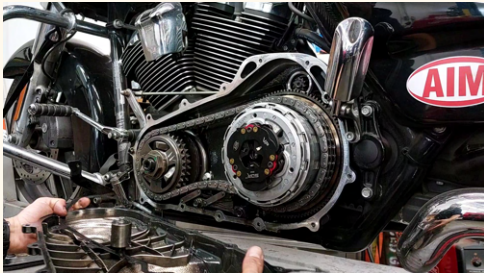

1. Drain primary oil.

2. Remove derby cover.

3. *(Varied by model)* Remove any additional parts on primary cover.

4. (Note) Bolts removal on primary/derby cover should be done in sequence according to manual.
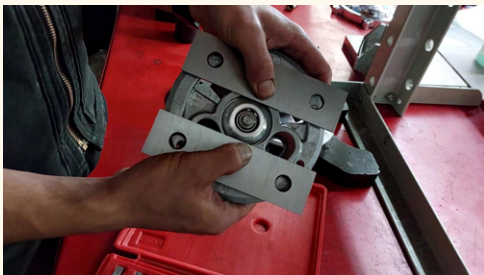

5. Slowly take off primary cover as remainder oil drains out.

6. *Remove SDR Max V2 bolts evenly, remove springs and pressure plate.

7. Remove retaining ring and previous clutch adapter.

8. *(Note)* Avoid placing pressure plate on flat surface by using tools like stainless steel slabs to avoid surface tension.
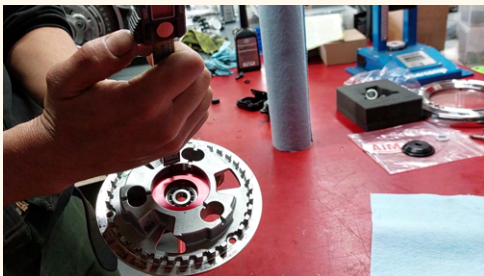

9. Place a part like an aluminum cylinder on top of the adapter.

10. Use hydraulic press to push adapter into pressure plate.
11. *(Note)* Pressure should be smooth going in.
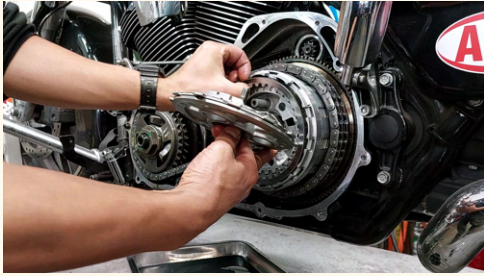

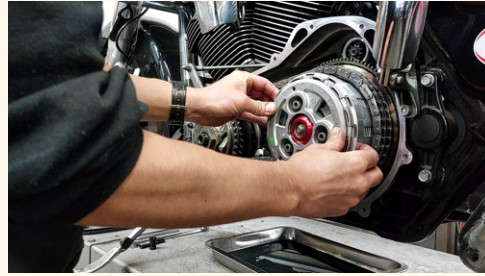12. Use calibration tool, length should be 10mm to be seated correctly.

13. Remove small c-clip and release rod from previous adapter and place into new adapter.
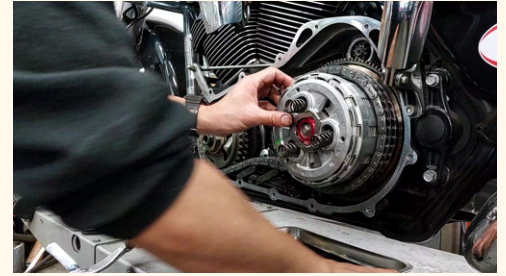

14. Adjust small c-clip left to right to see if it's seated. If movement is rough, it's not seated correctly.
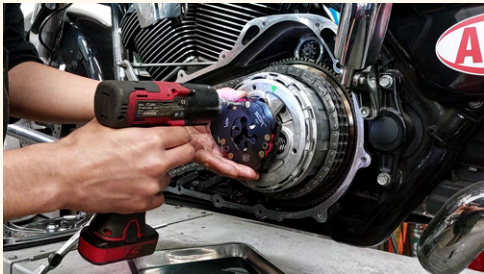
15. Make sure to take out friction plate and steel plate from bike first and place on pressure plate aligned with the teeth.
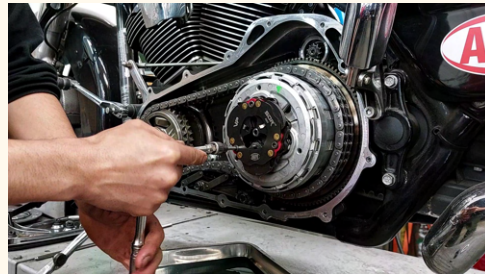

16. Align correctly and push in pressure plate.
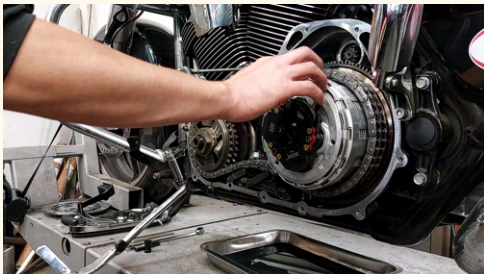

17. Return springs, washers, and wear shim.
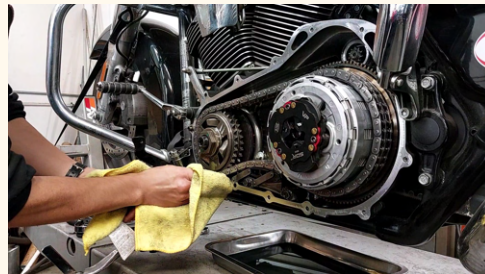

18. *Drill in bolts evenly.

19. *Complete tightening with allen wrench.

20. *Check movement of SDR Max V2 fly weight flaps.

21. Check clutch handle for smooth press. It should not be hard.

22. *(Optional)* Clean gasket surface.

23. Return primary cover.

24. Put bolts back on by hand to avoid cross-threading.

25. Tighten bolts with drill and then wrench for final tightening.

26. Return drain bolt.

27. Return primary oil.

28. Return derby cover with bolts by hand.

29. Tighten bolts with drill.

30. Final tightening with wrench

31. Return pedals and other parts that were removed.