

Part # 1222

## Ford/Volvo Wheel Bearing Kit

- For removal and installation of wheel hubs and bearings on Ford, Land Rover and Volvo models
- Services up to 82mm diameter wheel bearings on newer Gen 2 type wheel bearings
- The clamshells and force plates/pins, ensure the load of insertion is taken only on the outer race of the bearing
- It is also designed to allow for extraction of the bearing, without removing the ABS Sensor
- Applications:
- 2006+ Ford Focus, Fusion, Land Rover Freelander 2, Volvo S80, V70, XC60 & XC70
- NOTE: ensure the threaded bar and thrust bearing are well lubricated with molybdenum disulfide grease before use



**CAUTION:** To prevent injury, always wear gloves and eye protection that meets ANSI Z87.1 and OSHA standards.  
**CAUTION:** To prevent equipment damage, clean and lubricate threaded screws and holes before and after use.

### INSTRUCTIONS:

1. Raise and support the vehicle safely using jack stands. Remove the wheel.
2. Remove the brake caliper and hang it out of the way using wire or a bungee cord. Do not hang the caliper by the brake hose.
3. Remove the brake rotor and set it aside.
4. Remove the ABS sensor by unplugging it and unscrewing it from the knuckle/bearing hub. Set it aside carefully.
5. Remove the dust cap from the wheel hub to access the axle nut. Remove the axle nut.
6. Use a ball joint separator or pry bar to disconnect the outer tie rod end. Unplug any other connectors going to the knuckle.
7. Support the lower control arm with a jack. Remove the upper and lower ball joint nuts. Use a ball joint separator tool to disconnect the ball joints from the knuckle.
8. Remove the knuckle/hub assembly and set it aside.
9. Clean any dirt or debris from the hub area. Inspect for any damage.
10. Place the threaded thrust bearing in an arbor press with the knuckle/hub. Press the bearing out of the knuckle.
11. Clean and inspect the knuckle bore surface. Make sure it is smooth and free of defects.
12. Place the new bearing in the knuckle bore and use the arbor press to install it flush with the rear of the knuckle.
13. Pack the new bearing with high temperature wheel bearing grease.
14. Install the knuckle/hub assembly on the vehicle and reverse the removal steps to reinstall all components. Torque all fasteners to spec.
15. Install the brake rotor and caliper. Install the wheel and torque the lug nuts to spec.
16. Lower the vehicle and test brake and wheel operation before driving.

