HIGH CLEARANCE A-ARMS KIT

P/N 2889269; 2889270

BEFORE YOU BEGIN

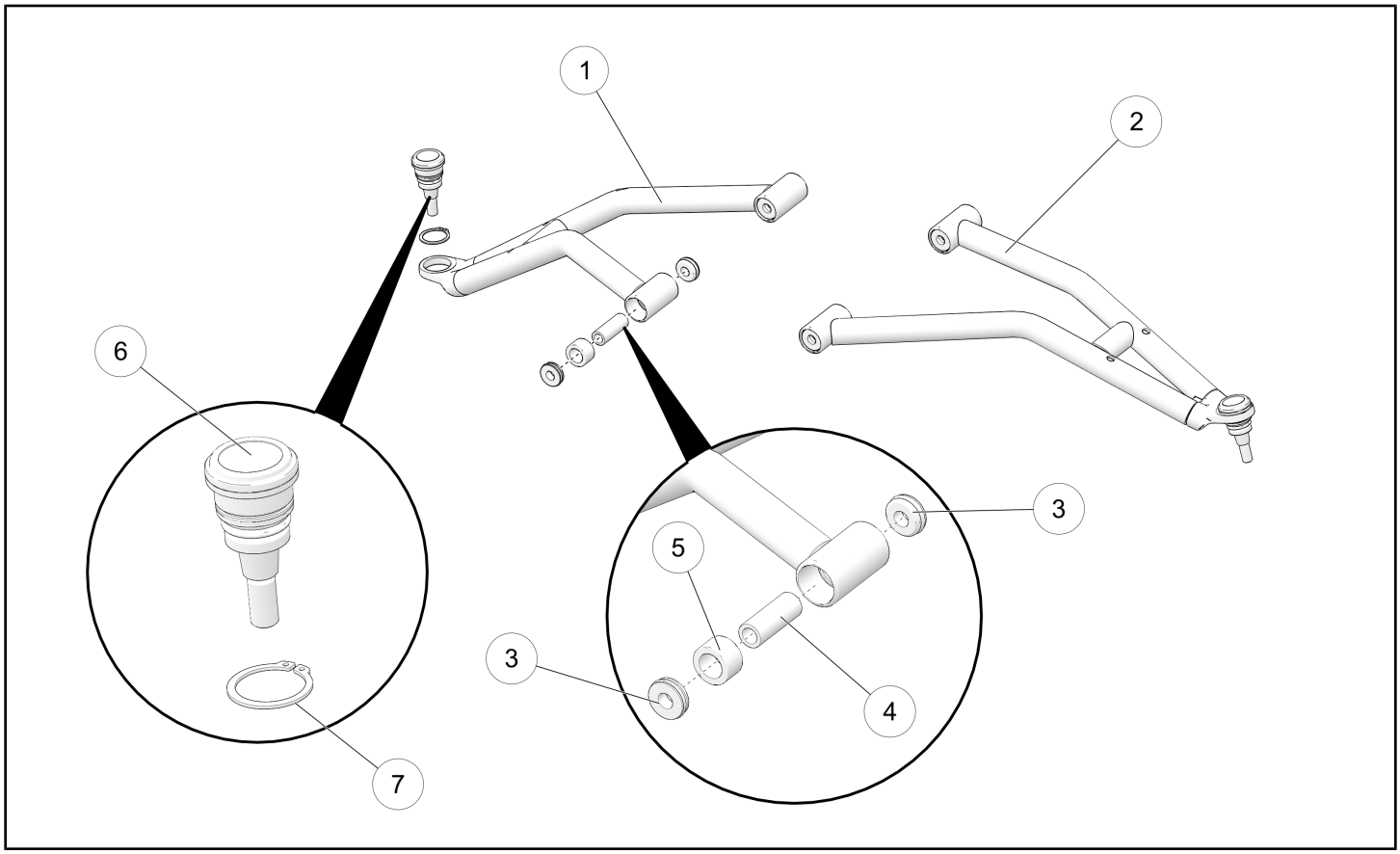
Read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

APPLICATION

Verify accessory fitment at www.polaris.com.

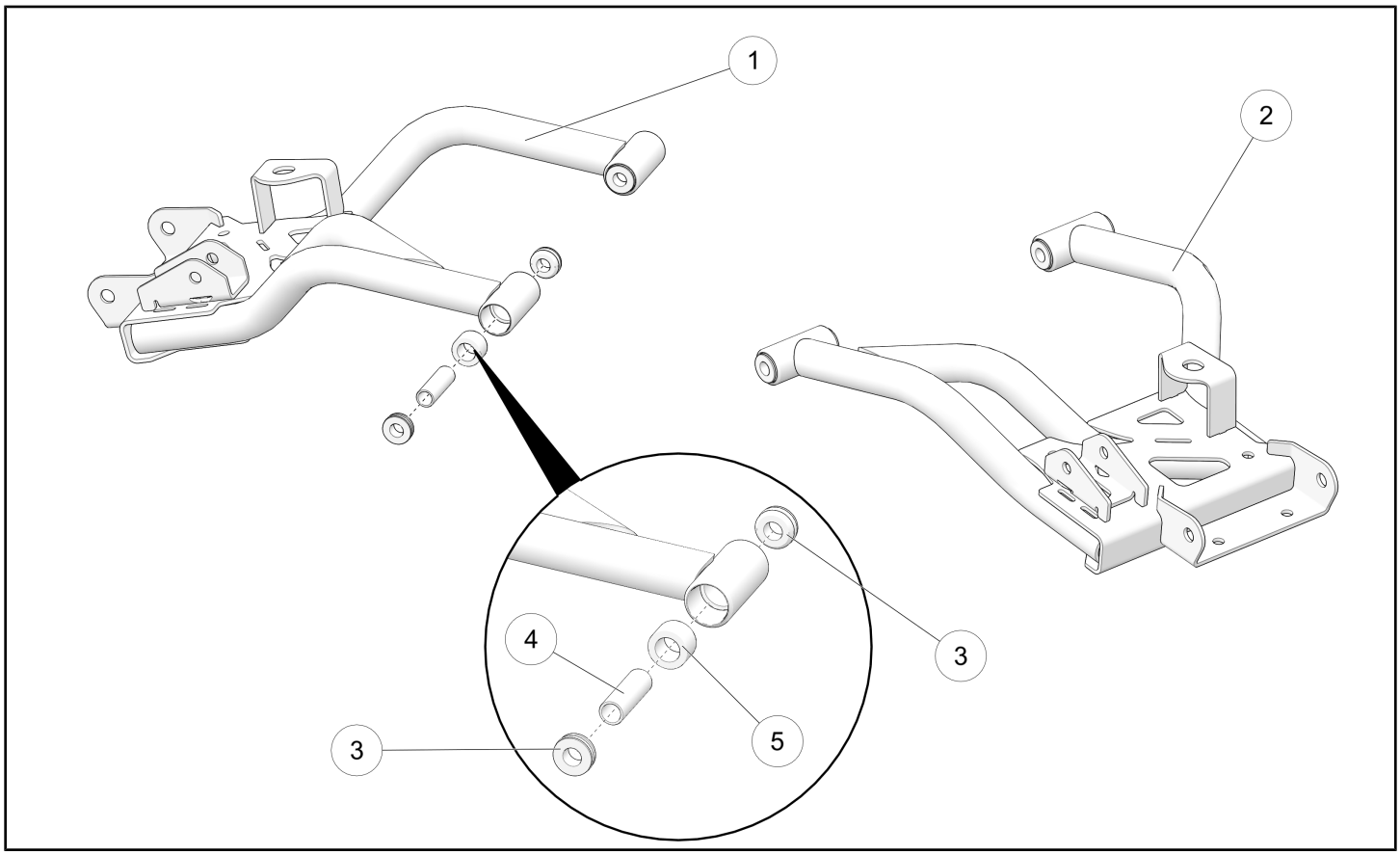
KIT CONTENTS

FRONT HIGH CLEARANCE A-ARMS P/N 2889269



REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY
1	1	Weld – A-Arm, Front, Lower, High Clearance, Left	1025701-458
2	1	Weld – A-Arm, Front, Lower, High Clearance, Right	1025702-458
3	8	Pivot Cap Assembly – Sealed, M12 mm	1543612
4	4	Shaft – Pivot, Short, M12 mm	5140555
5	8	Bushing – Standard, Suspension, M12 mm	5452271
6	2	Ball Joint	7082557
7	2	Snap Ring	7710716

REAR HIGH CLEARANCE A-ARMS P/N 2889270



REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY
1	1	Weld – Control Arm, Rear, Lower, Left	1023545–458
2	1	Weld – Control Arm, Rear, Lower, Right	1023546–458
3	8	Pivot Cap Assembly – Sealed, M12 mm	1543790
4	4	Shaft – Pivot, Short, M12 mm	5142087
5	8	Bushing – Standard, Suspension, M10 mm	5452233

TOOLS REQUIRED

- Safety Glasses
- Socket Set, Metric
- Socket Set, SAE
- Torque Wrench
- Wrench Set, Metric
- Vehicle Lift/Support Equipment

IMPORTANT

Your High Clearance A-Arms Kit is exclusively designed for your vehicle. Please read the installation instructions thoroughly before beginning. Installation is easier if the vehicle is clean and free of debris. For your safety, and to ensure a satisfactory installation, perform all installation steps correctly in the sequence shown.

INSTALLATION INSTRUCTIONS

VEHICLE PREPARATION

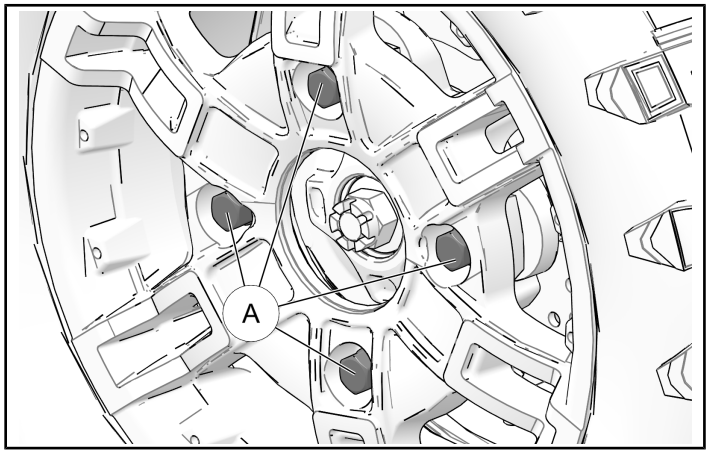
GENERAL

1. Park vehicle on a flat surface.
2. Shift vehicle into PARK.
3. Turn key to OFF position and remove key.

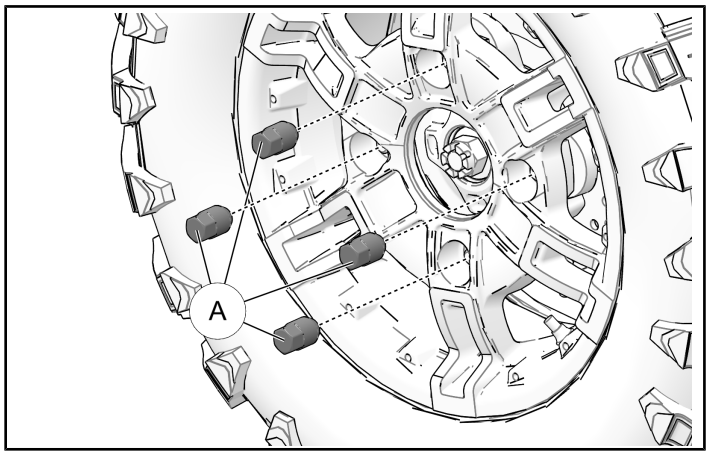
WHEEL REMOVAL

NOTICE
Do not discard removed hardware (nuts, bolts, etc.).

1. Place lift/support equipment under the vehicle so that it is fully supported. Do not lift vehicle off the ground at this time.
2. Loosen (but do not fully remove) the four lug nuts Ⓐ on the wheel. Repeat this step for all four wheels.



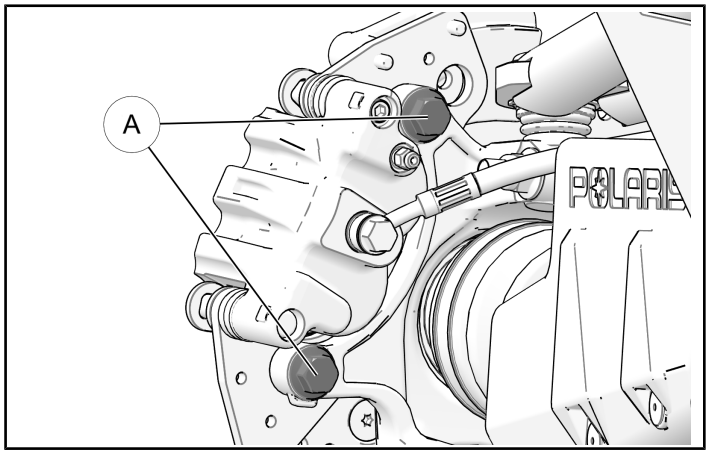
3. Lift the vehicle up so that tires no longer touch the ground surface.
4. Remove the four lug nuts Ⓐ from the wheel and carefully remove the wheel from the axle. Repeat this step for all four wheels and set them aside.



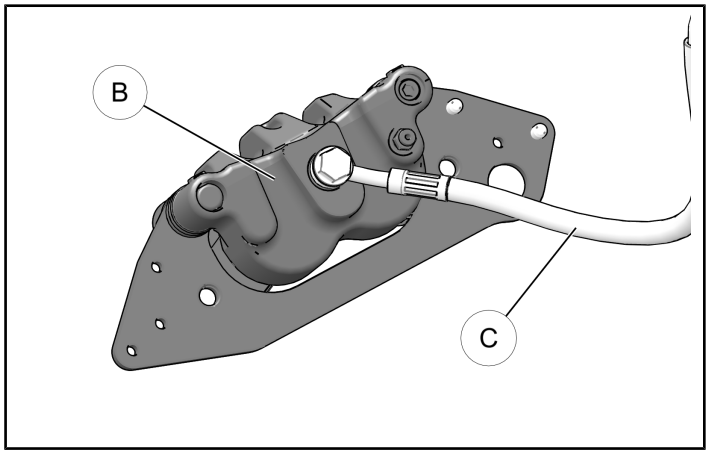
LOWER FRONT A-ARM REMOVAL

NOTICE
Do not discard removed hardware (nuts, bolts, etc.).

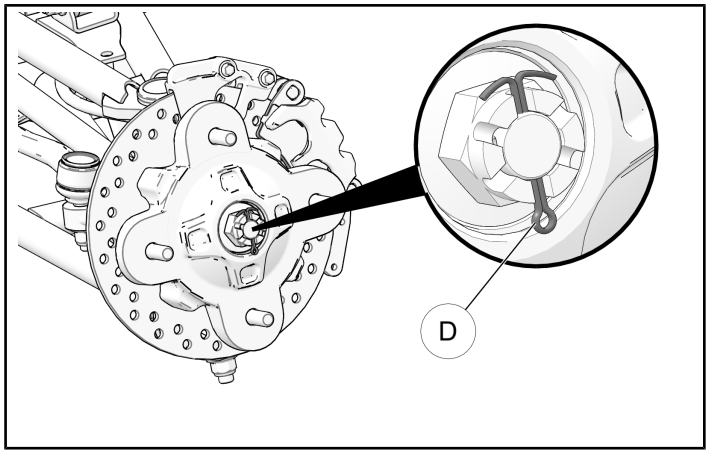
1. Remove the two bolts Ⓐ holding the brake caliper to the vehicle.



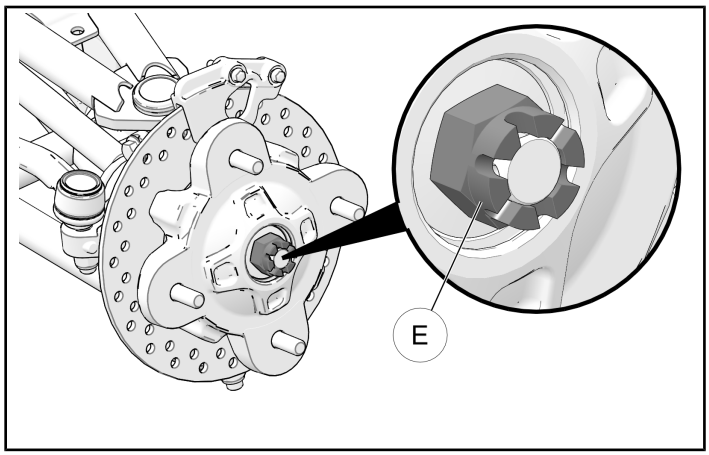
2. Remove the brake caliper Ⓑ and hang it on the vehicle frame using a bungee cord, wire, or similar item to prevent stress on the brake line Ⓒ.



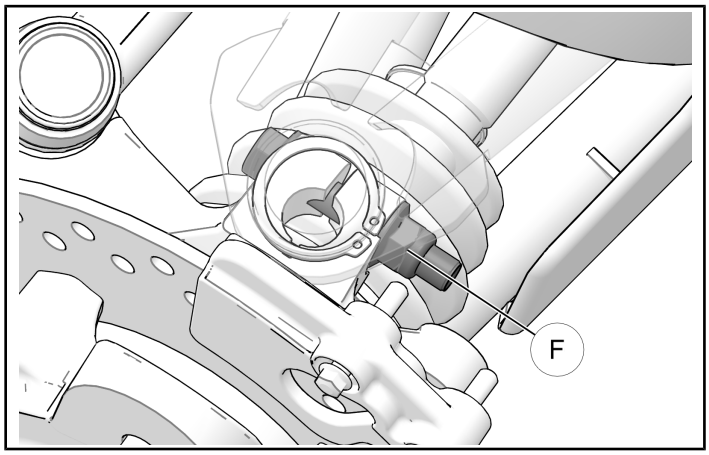
3. Remove the cotter pin Ⓓ from the axle.



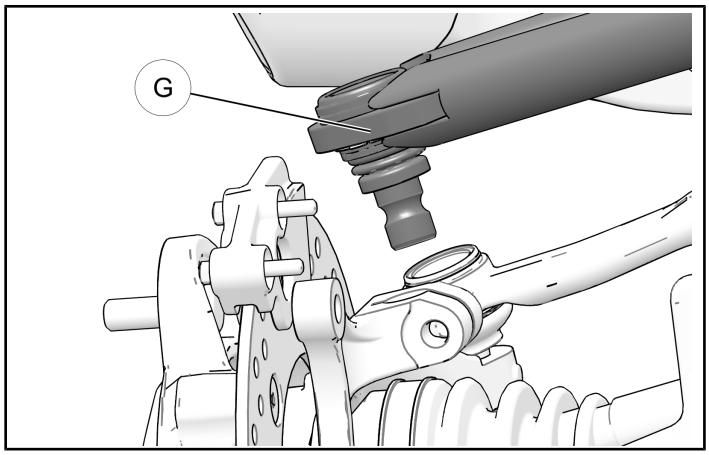
4. Remove the castle nut Ⓔ from the axle.



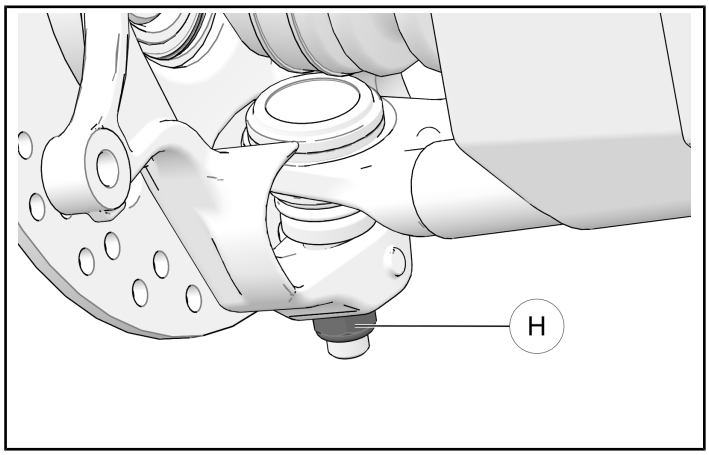
5. Remove the nut Ⓕ and bolt at the top of the knuckle assembly.



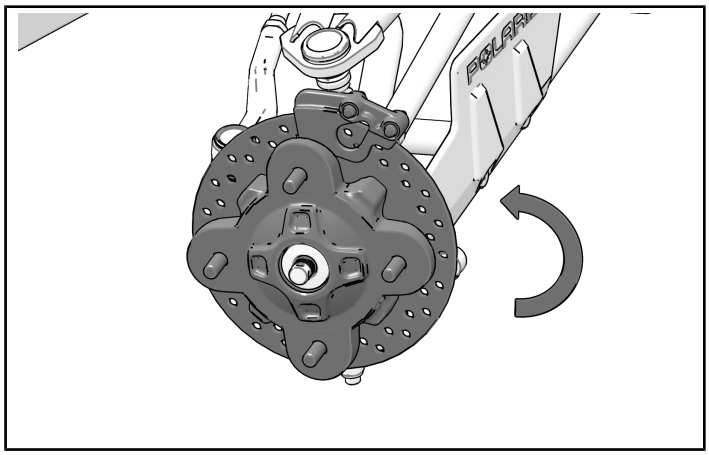
6. Pull the lower A-Arm downward so that the upper A-Arm Ⓖ disconnects from the knuckle assembly.

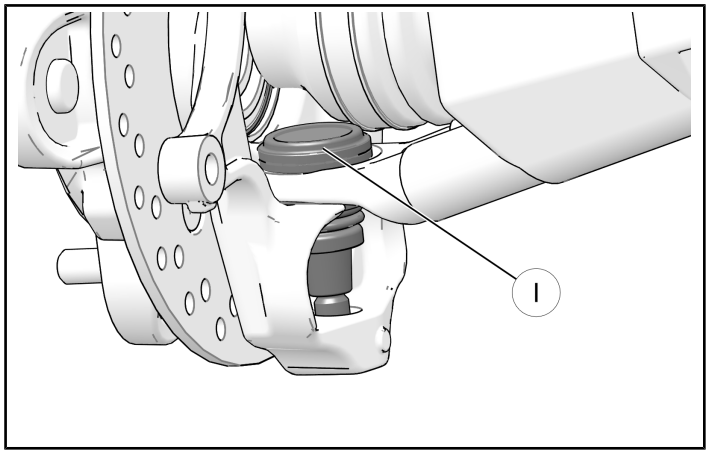


7. Remove the nut Ⓗ holding the lower A-Arm ball joint in place.

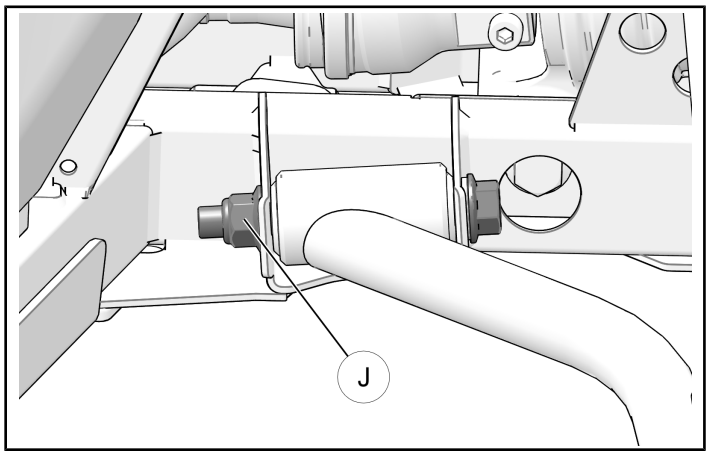


8. Rotate/flex the knuckle assembly rearward to allow the lower A-Arm ball joint Ⓘ to be lifted from the knuckle assembly.

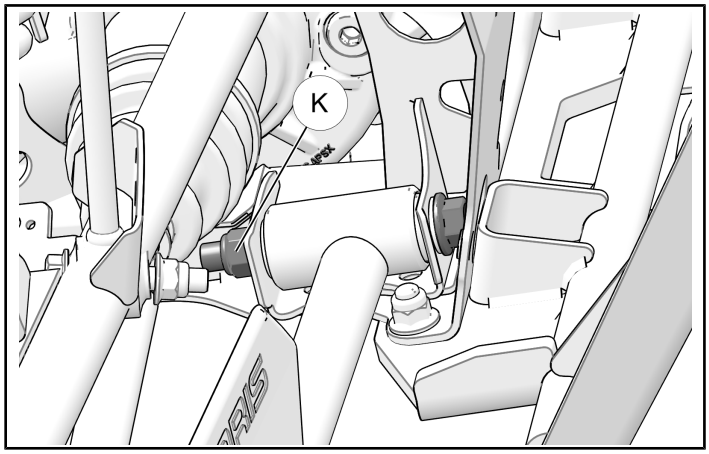




9. Remove the nut Ⓙ, washer, and bolt from the rear bracket holding the lower front A-Arm.



10. Support the lower front A-Arm and remove the final nut Ⓚ, washer, and bolt from the front bracket. Remove the lower front A-Arm from the vehicle.

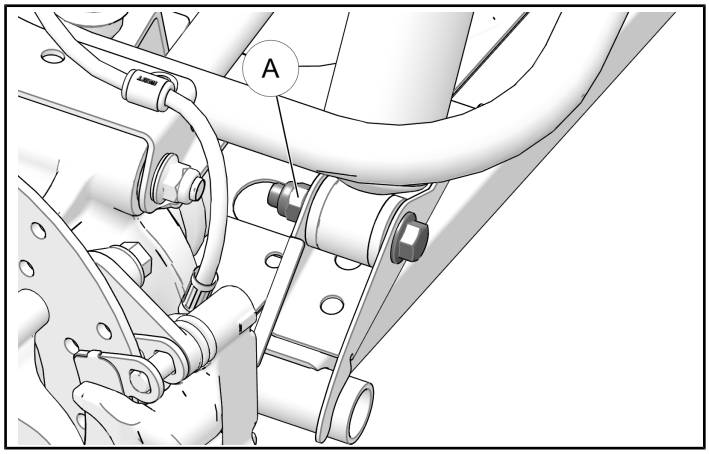


11. Repeat this procedure for the opposite side of the vehicle to remove the other lower front A-Arm.

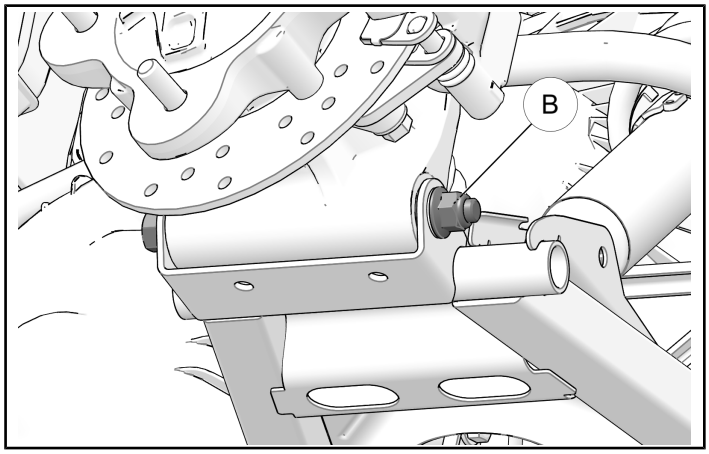
LOWER REAR A-ARM REMOVAL

NOTICE
Do not discard removed hardware (nuts, bolts, etc.).

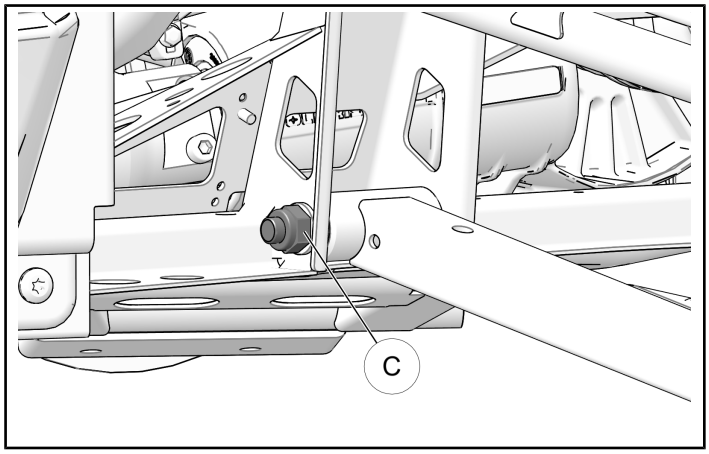
1. Remove the nut Ⓐ, washer, and bolt holding the suspension to the lower rear A-Arm.



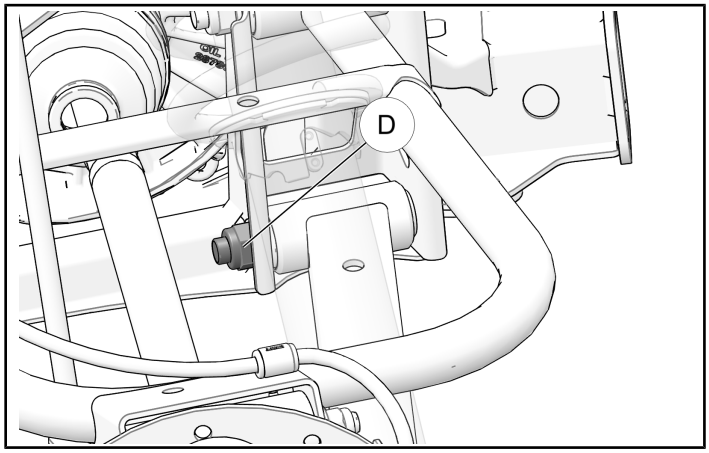
2. Remove the nut Ⓑ, washer, and bolt holding the lower rear A-Arm to the knuckle.



3. Remove the nut Ⓒ, washer, and bolt holding the lower rear A-Arm to the front bracket.



4. Support the lower rear A-Arm and remove the final nut Ⓓ, washer, and bolt from the rear bracket. Remove the lower rear A-Arm from the vehicle.



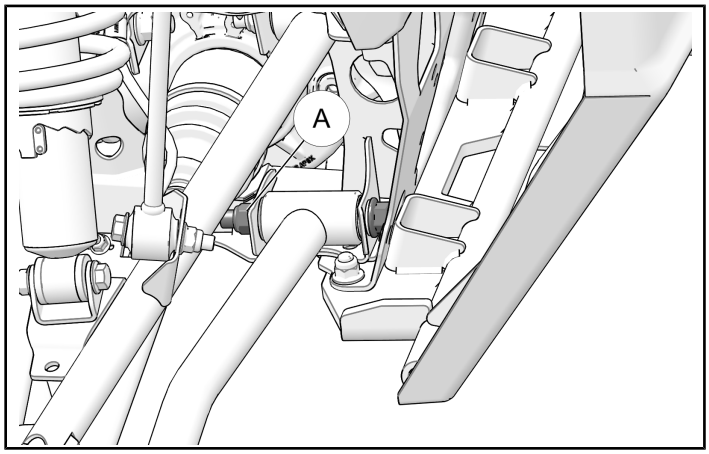
5. Repeat this procedure for the opposite side of the vehicle to remove the other lower rear A-Arm.

ACCESSORY INSTALLATION

FRONT HIGH CLEARANCE A-ARM INSTALLATION

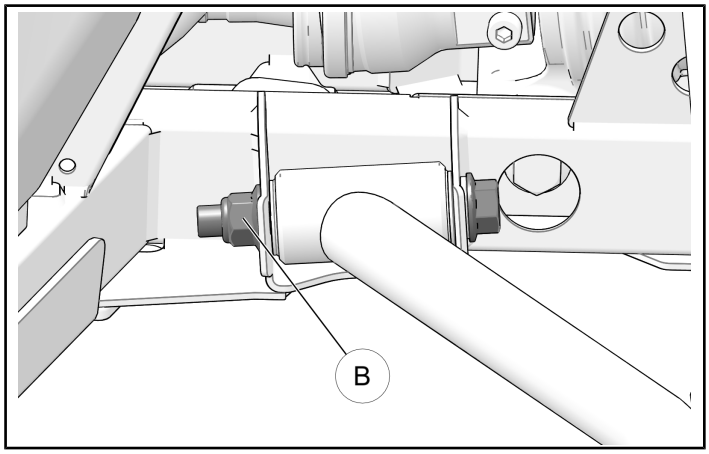
1. Support the front high clearance A-Arm and install into the front bracket using the retained nut Ⓐ, washer, and bolt. Torque to specification.

TORQUE
Inner-Arm Frame Nut / Bolt Ⓐ: **30 ft-lbs (41 N·m)** + 180° turn



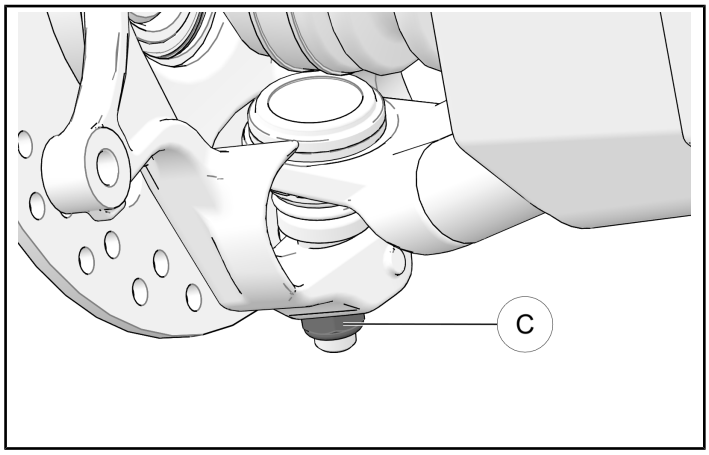
2. Install into the rear bracket using the retained nut Ⓑ, washer, and bolt. Torque to specification.

TORQUE
Inner-Arm Frame Nut / Bolt Ⓑ: **30 ft-lbs (41 N·m)** + 180° turn



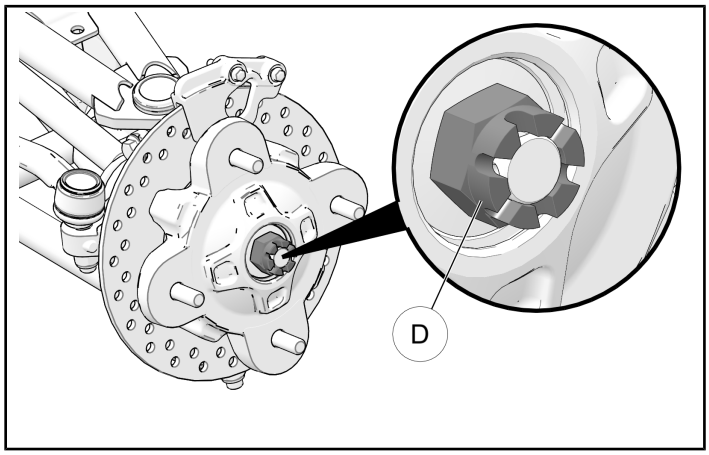
3. Install the ball joint into the knuckle assembly using the retained nut Ⓒ. Torque to specification.

TORQUE
Ball Joint Nut Ⓒ: **45 ft-lbs (61 N·m)**

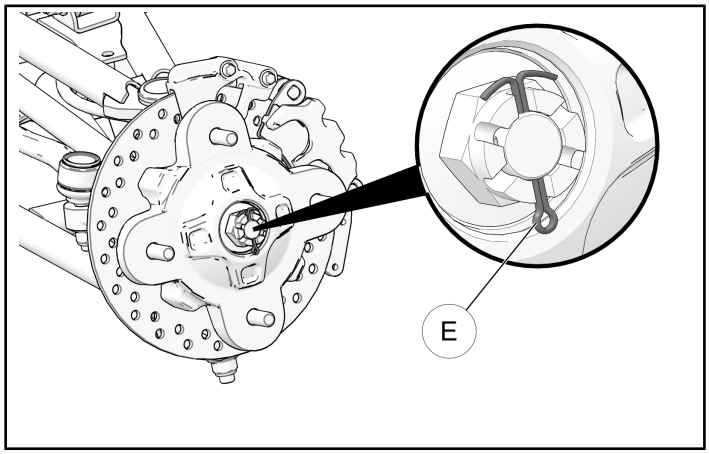


4. Install castle nut Ⓓ on the axle. Torque to specification.

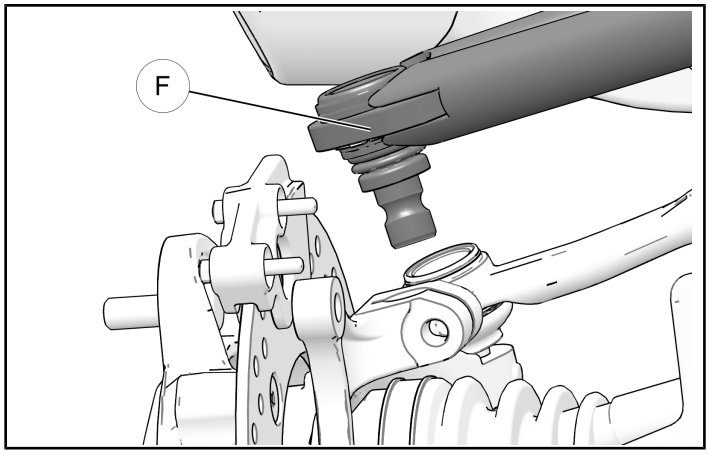
TORQUE
Castle Nut Ⓓ: **80 ft-lbs (108 N·m)**



5. Install cotter pin Ⓔ to castle nut.

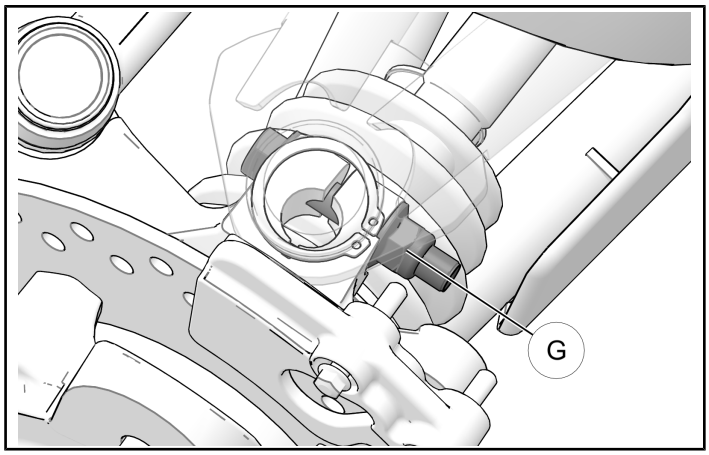


6. Lift the knuckle assembly to install the upper A-Arm Ⓕ.



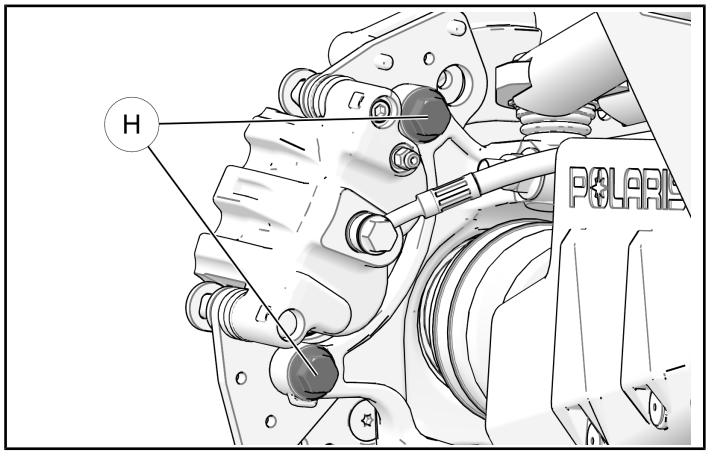
7. Install the retained nut Ⓖ and bolt at the top of the knuckle assembly, securing the upper A-Arm. Torque to specification.

TORQUE
Pinch Nut / Bolt Ⓖ: **42 ft-lbs (57 N·m)**



8. Install the brake caliper using the two retained bolts Ⓗ. Torque to specification.

TORQUE
Caliper Bolts Ⓗ: **28 ft-lbs (38 N·m)**

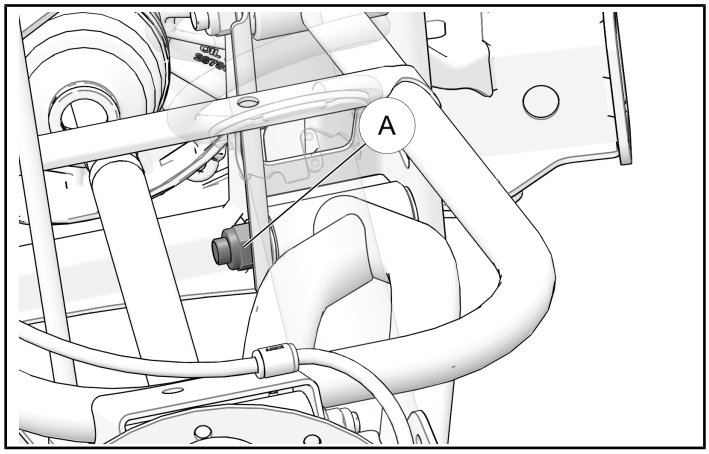


9. Repeat this procedure for the opposite side of the vehicle for installation of the other front high clearance A-Arm.

REAR HIGH CLEARANCE A-ARM INSTALLATION

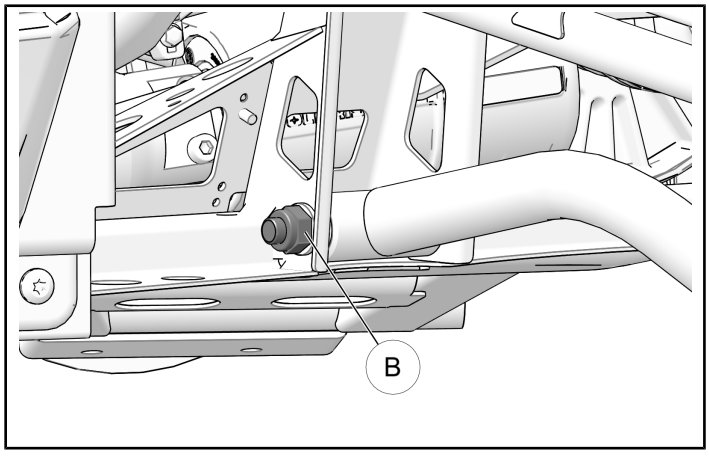
1. Support the rear high clearance A-Arm and install the A-Arm to the rear bracket using the retained nut Ⓐ, washer, and bolt. Torque to specification.

TORQUE
Inner-Arm Frame Nut / Bolt Ⓐ: **81 ft-lbs (110 N·m)**



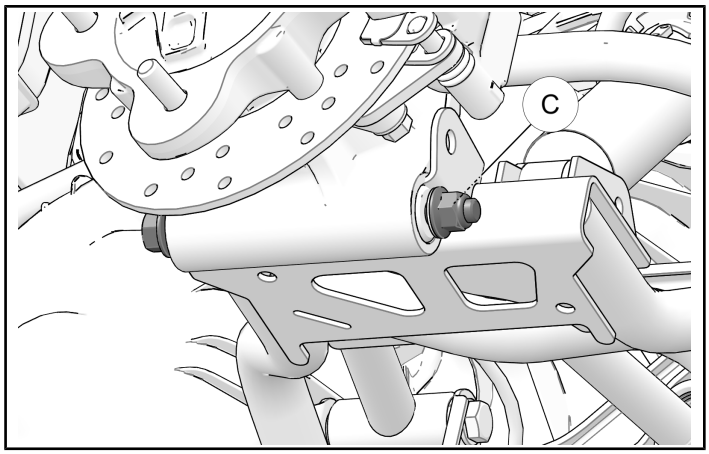
2. Install the A-Arm to the front bracket using the retained nut Ⓑ, washer, and bolt. Torque to specification.

TORQUE
Inner-Arm Frame Nut / Bolt Ⓑ: **81 ft-lbs (110 N·m)**



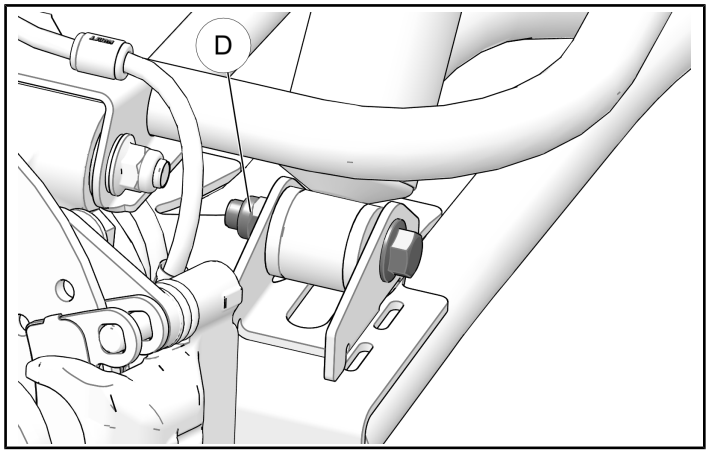
3. Install the A-Arm to the knuckle assembly using the retained nut Ⓒ, washer, and bolt. Torque to specification.

TORQUE
Outer-Arm Nut / Bolt Ⓒ: **30 ft-lbs (41 N·m)** + 180° turn



4. Attach the suspension to the A-Arm using the retained nut Ⓓ and bolt. Torque to specification.

TORQUE
Shock Nut / Bolt Ⓓ: **40 ft-lbs (54 N·m)**

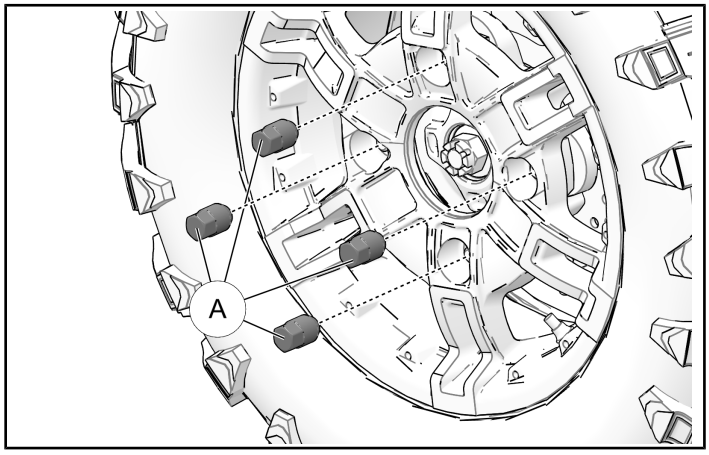


5. Repeat this procedure for the opposite side of the vehicle for installation of the other rear high clearance A-Arm.

VEHICLE REASSEMBLY

WHEEL INSTALLATION

1. Install the wheel on the axle, then hand-tighten the four lug nuts Ⓐ to secure the wheel in place.



2. Repeat Step One for the remaining three wheels.
3. Lower the vehicle to the ground.
4. Torque all wheel lug nuts to specification.

TORQUE
Lug NutsⒶ: *Aluminum Wheels* **120 ft-lbs (163 N·m)** *Steel Wheels* **60 ft-lbs (81 N·m)**

INSTRUCTION FEEDBACK FORM

A feedback form has been created for the installer to provide any comments, questions or concerns about the installation instructions. The form is viewable on mobile devices by scanning the QR code or by clicking **HERE** if viewing on a PC.