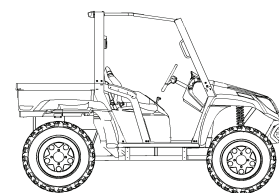


Arctic Cat® Prowler

Installation Instructions - Service Parts

Halfshaft Removal Kit

(p/n 1436-411)



■ **NOTE:** Read these installation instructions thoroughly before beginning. Retain these Installation Instructions for future reference.

Kit includes:

p/n	QTY	DESCRIPTION
1502-801	1	Halfshaft (Coupler)
0453-645	1	Instructions

■ **NOTE:** These new coupler halfshaft axles will have a white identification mark located on the inner housing.

CAUTION

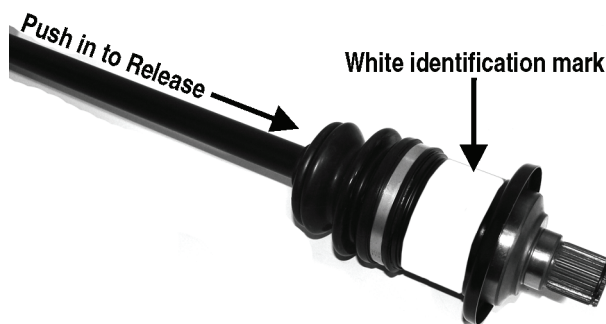
Do not use a slide hammer when removing the coupler halfshaft axle or damage will occur.

1. Set the parking brake and remove the rear wheel; then remove the cotter pin securing the axle nut and remove the axle nut.
2. Release the parking brake; then remove the brake caliper cap screws and remove the brake calipers.

■ **NOTE:** It is not necessary to remove the brake hoses from the brake calipers.

3. Remove the hubs from the axles and knuckles and set aside.
4. Remove the cap screw and lock nut securing the knuckle to the upper A-arm.
5. While holding the drive axle stationary, pull the top of the knuckle out and down until it is free of the drive axle.
6. Place a drain pan under the vehicle; then push the axle shaft toward the gear case to release the internal locking ring and while pushing in on the axle shaft, pull the CV cup out of the gear case. See Fig. 1.

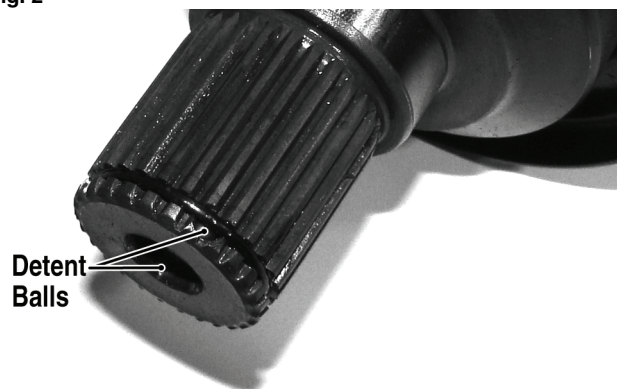
Fig. 1



PR729B

■ **NOTE:** It is important to keep the axle shaft pushed in while pulling out on the CV cup or the detent pins on the halfshaft axle will not release from the gear case. See Fig. 2.

Fig. 2



PR725A

7. To install the axle shaft into the gear case, compress the axle shaft fully into the CV cup; then, while holding fully compressed, insert the axle into the gear case.
8. When the axle shaft is fully seated, release the shaft and check that it has locked in place.

■ **NOTE:** At this point, install components removed in steps 1-6.