

03 - Differential and Driveline/Front Axle - M210/U-JOINT, Single Cardan/Removal and Installation

REMOVAL AND INSTALLATION

+ **Labor Operations:** Click to display a list of Labor Operations associated with this procedure

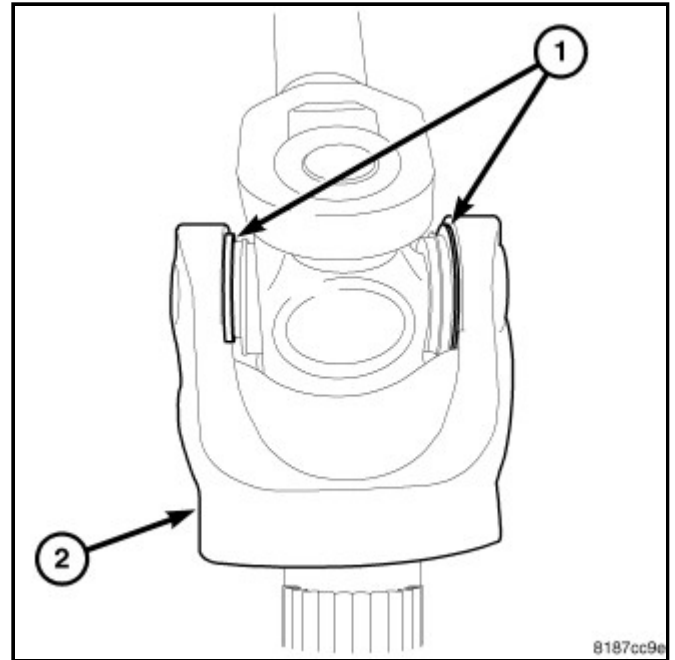
REMOVAL

1. Remove the axle shaft (Refer to 03 - Differential and Driveline/Front Axle/SHAFT, Axle/Removal and Installation) .

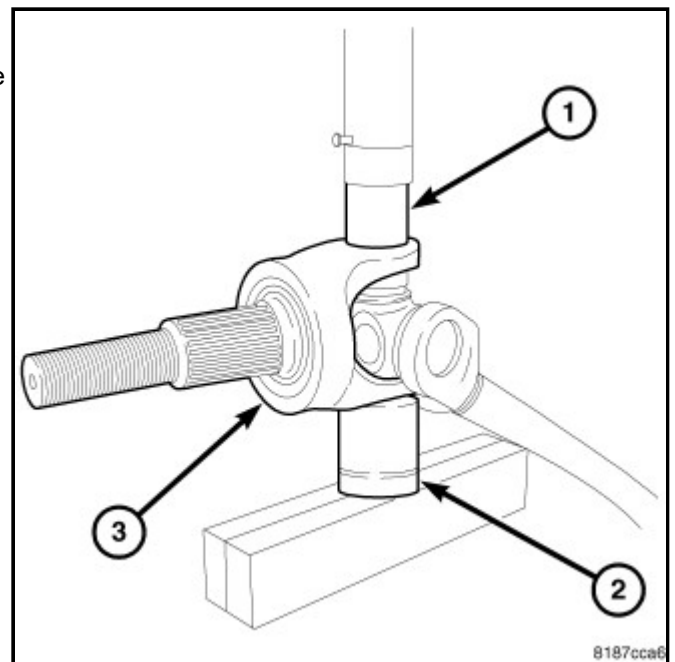
NOTE:

Saturate the bearing caps with penetrating oil prior to removal.

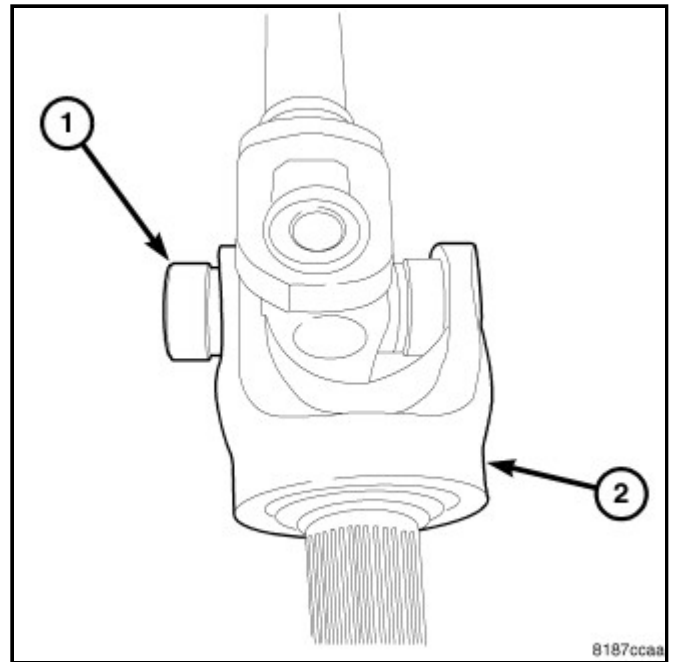
2. Remove the bearing cap snap rings (1) from the stub shaft yoke (2) bearing caps.



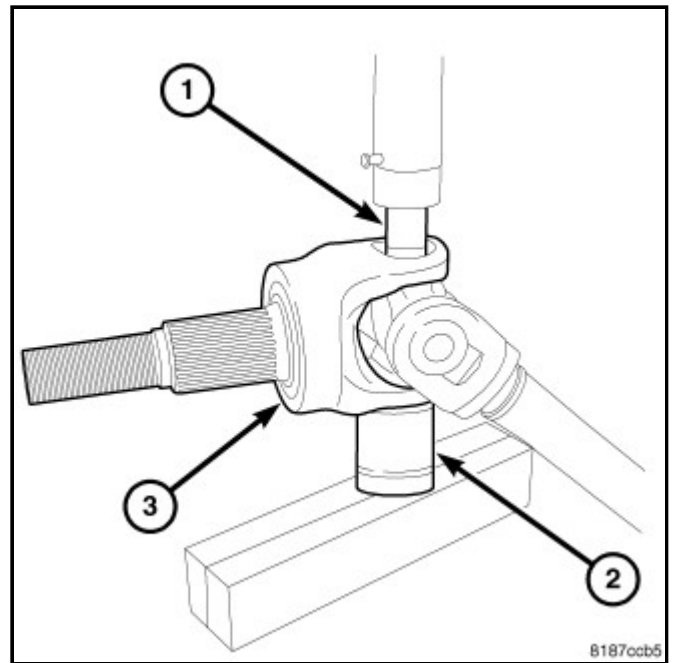
3. Position the receiver/socket (2) and driver/socket (1) on the stub shaft yoke (3) in a press. Press the bearing cap into the receiver/socket (2).



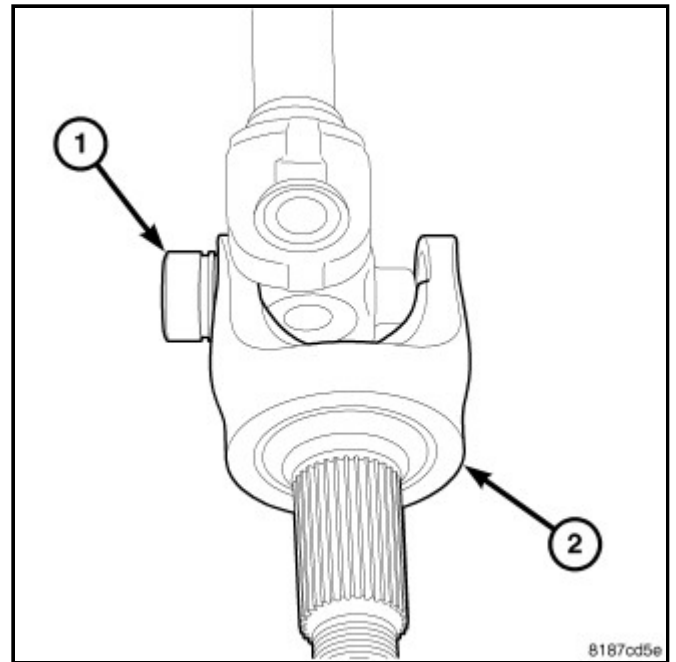
4. Remove the bearing cap (1) from the stub shaft yoke (2).



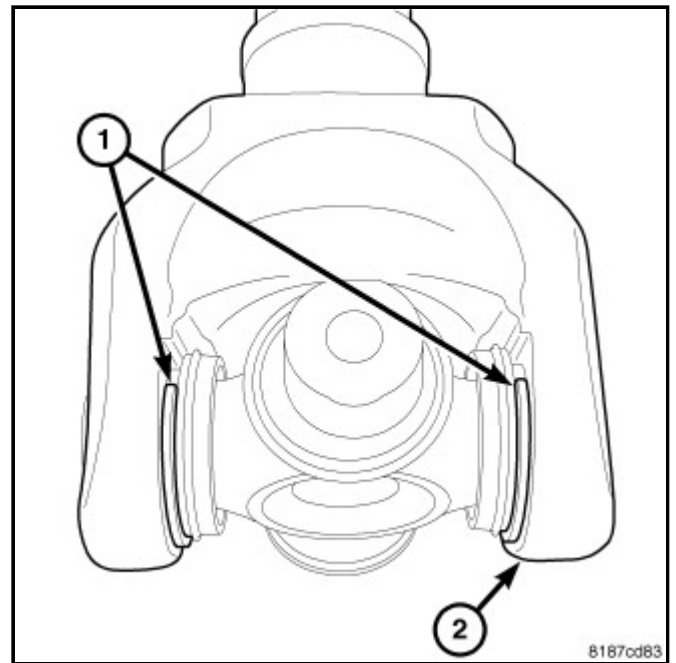
5. Position the receiver/socket (2) under the stub shaft yoke (3) bearing cap and driver/socket (1) in the press. Press the bearing cap into the receiver/socket (2).



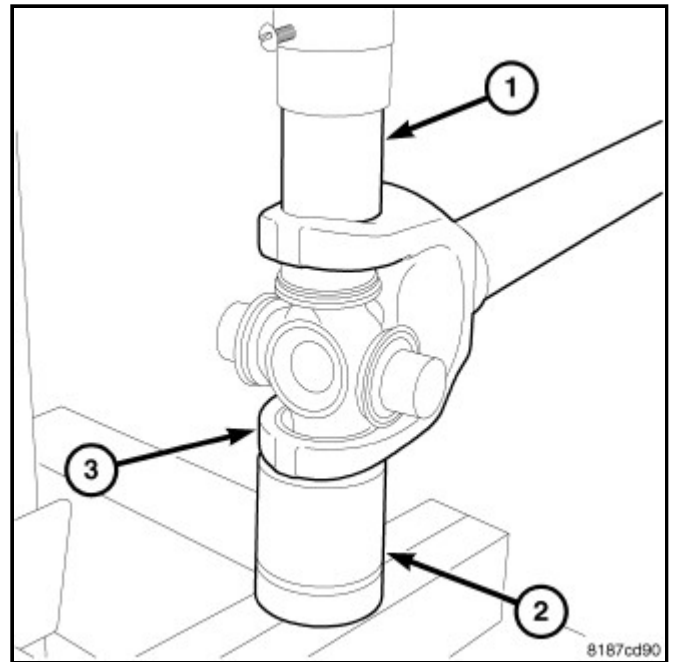
6. Remove the bearing cap (1) from the stub shaft yoke (2). Then remove the stub shaft from the U-joint cross.



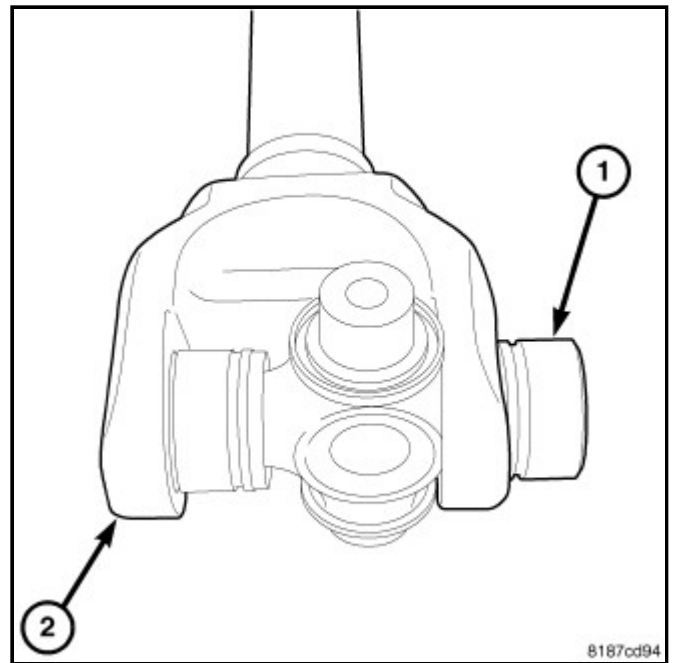
7. Remove the snap rings (1) from the shaft yoke (2) bearing caps.



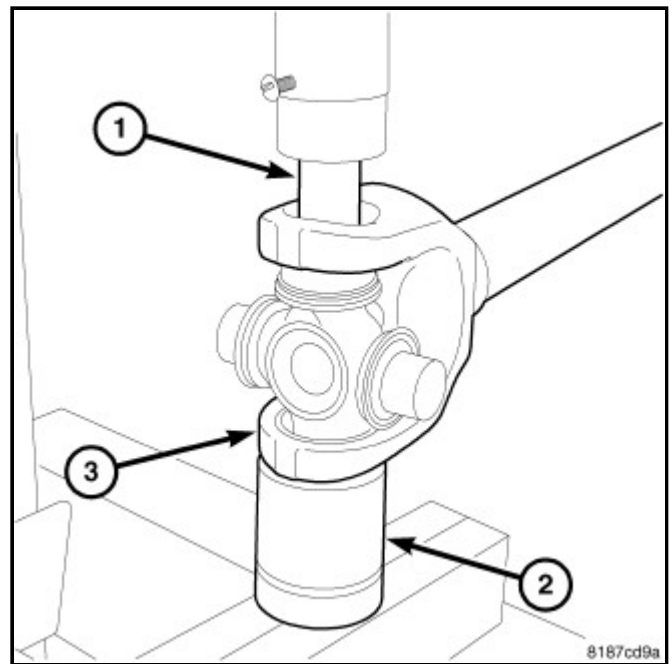
8. Position the receiver/socket (2) and driver/socket (1) on the shaft yoke (3) in a press. Press the bearing cap into the receiver/socket (2).



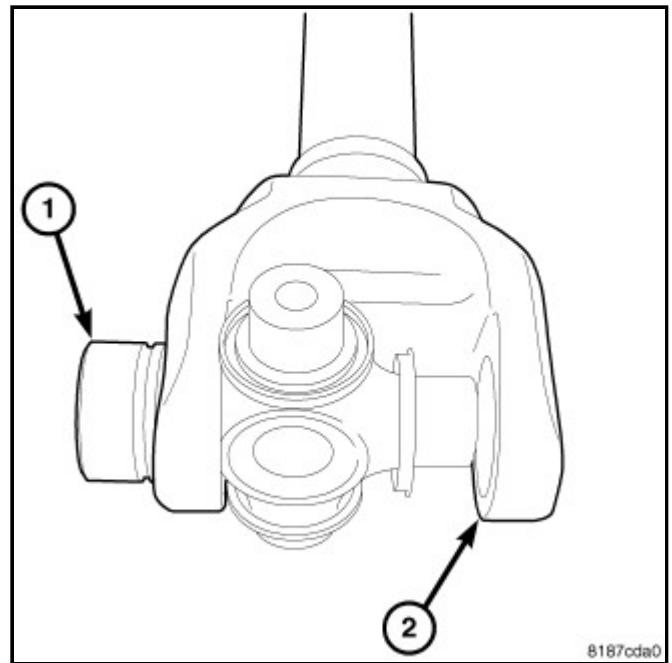
9. Remove the bearing cap (1) from the shaft yoke (2).



10. Position the receiver/socket (2) under the shaft yoke (3) remaining bearing cap and driver/socket (1) in a press. Press the bearing cap into the receiver/socket (2).



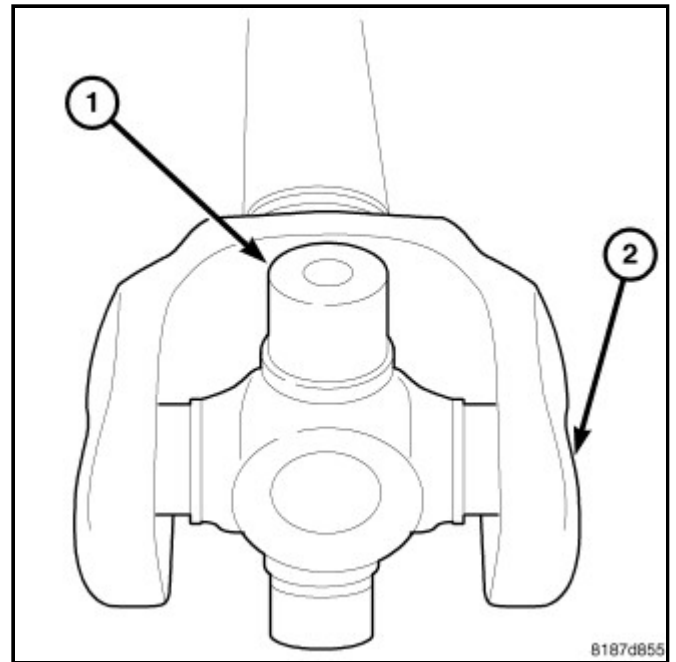
11. Remove the bearing cap (1) from the shaft yoke (2). Then remove the U-joint cross from the shaft yoke.



INSTALLATION

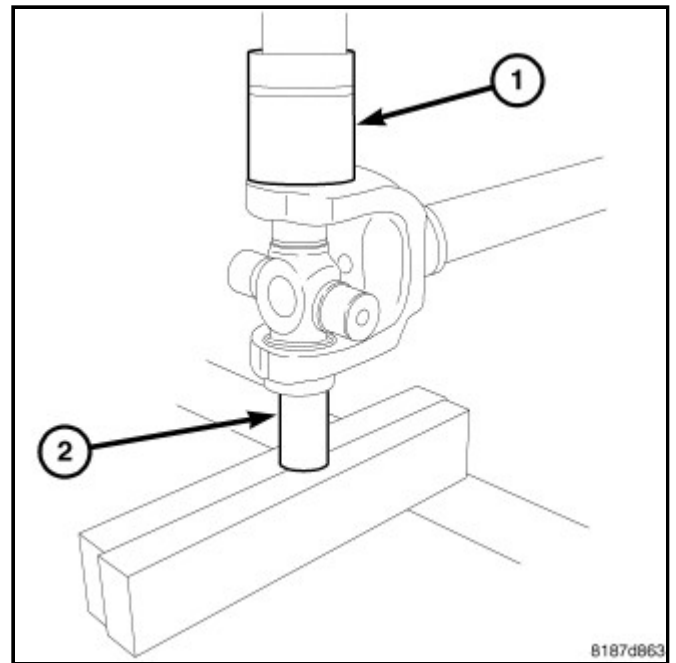
CAUTION: Keep cross and bearing cap straight during installation. Failure to follow these instruction will result in damage.

1. Pack the bearing caps 1/3 full of wheel bearing lubricant. Apply extreme pressure (EP), lithium-base lubricant to aid in installation.
2. Position the U-joint cross (1) in the shaft yoke (2).

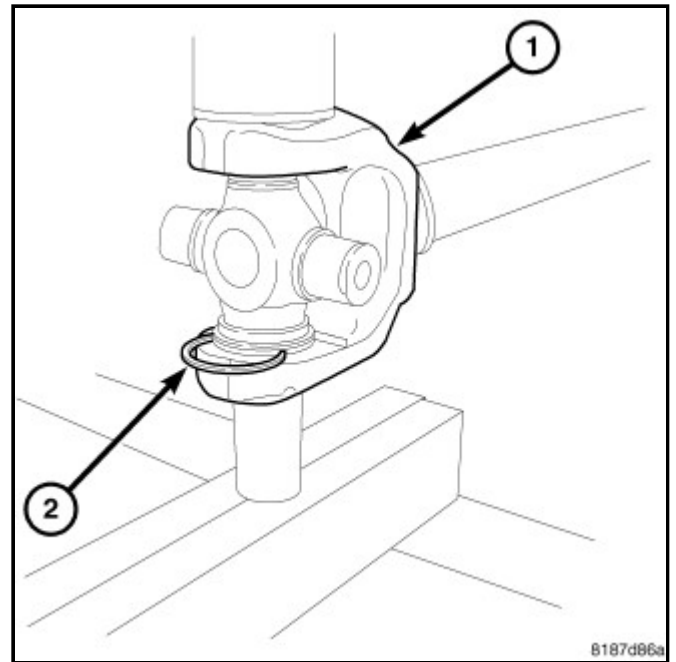


3. Tap the bearing cap into the yoke bores far enough to position the U-joint cross.

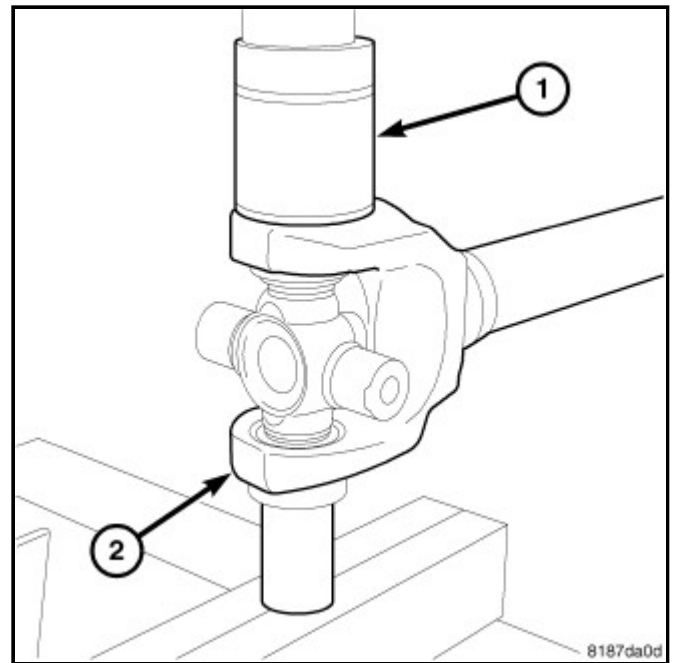
4. Position the receiver/socket (1) on the shaft yoke and driver/socket (2) on the bearing cap in a press.



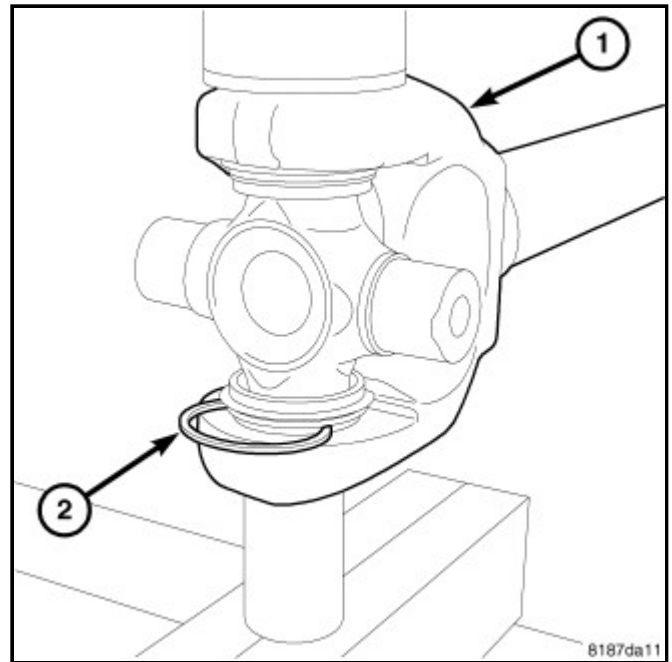
5. Press the bearing cap into the shaft yoke (1) until the bearing cap snap ring groove is visible and install the snap ring (2).



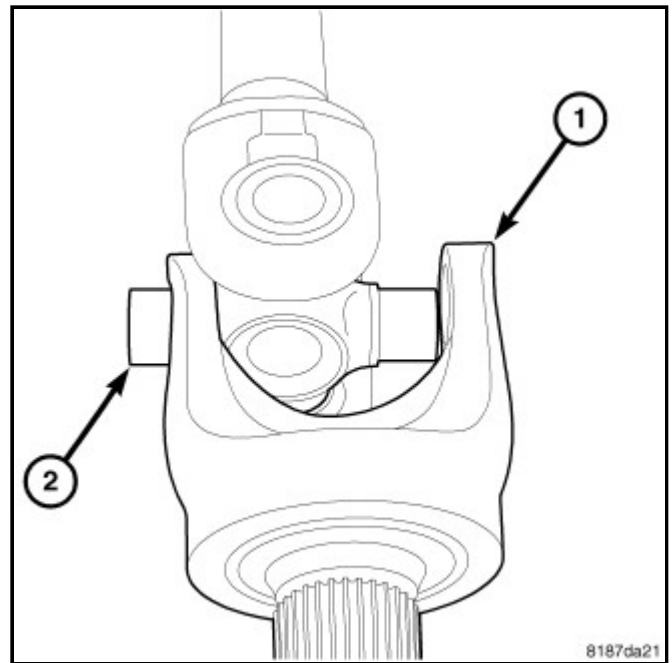
6. Position the receiver/socket (1) on the shaft yoke and driver/socket (2) on the bearing cap in a press.



7. Press the bearing cap into the shaft yoke (1) until the bearing cap snap ring groove is visible and then install the snap ring (2).

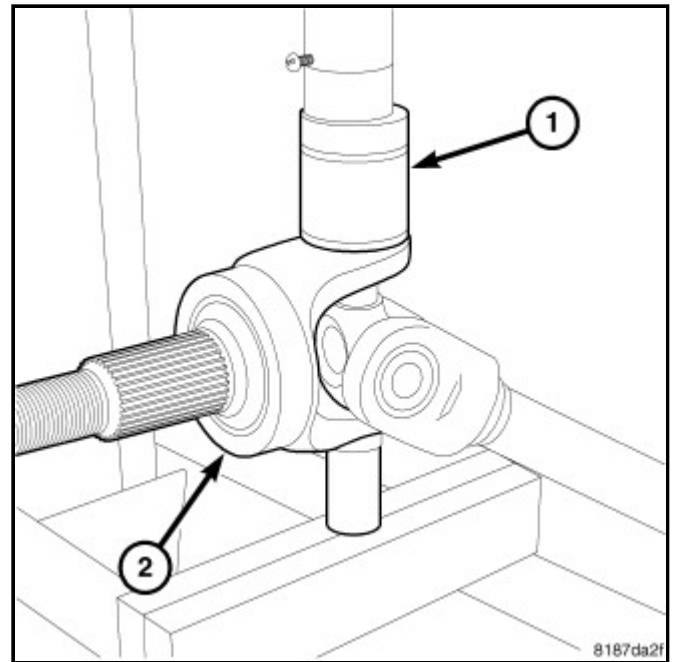


8. Install the stub shaft yoke (1) on the U-joint cross (2).

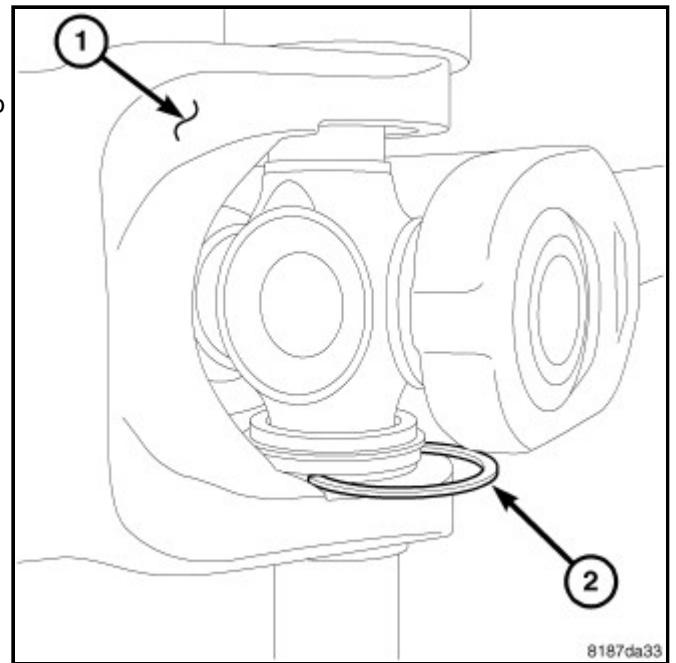


9. Tap the first bearing cap into the stub shaft yoke bore far enough to position U-joint cross.

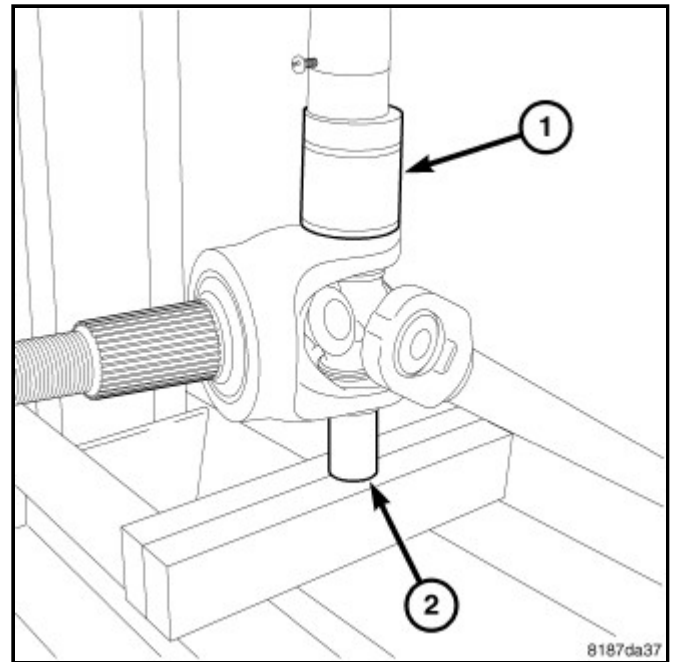
10. Position the receiver/socket (1) on the shaft yoke and driver/socket (2) on the bearing cap in a press.



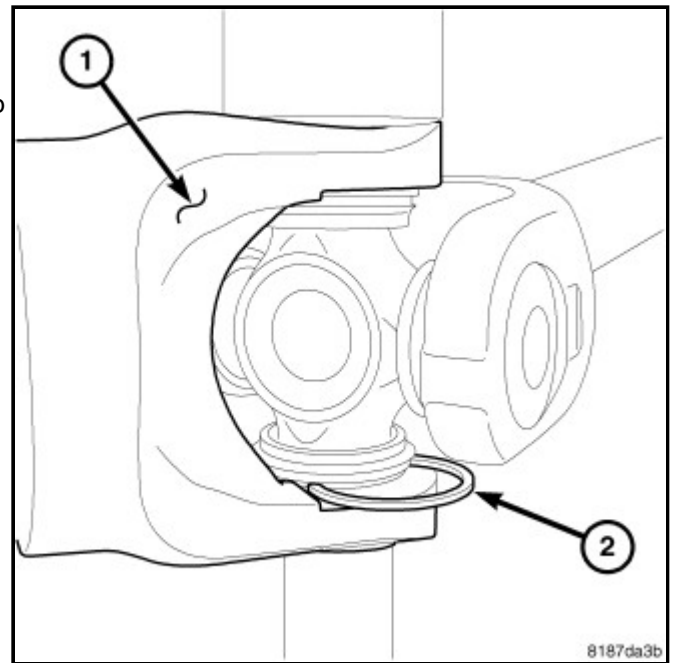
11. Press the bearing cap into the stub shaft yoke (1) until the bearing cap snap ring groove is visible then install the snap ring (2).



12. Position the receiver/socket (1) on the stub shaft yoke and driver/socket (2) on the bearing cap in a press.



13. Press the bearing cap into the stub shaft yoke (1) until the bearing cap snap ring groove is visible then install the snap ring (2).



14. Install the axle shaft (Refer to 03 - Differential and Driveline/Front Axle/SHAFT, Axle/Removal and Installation) .