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Rough Country 76801RED Installation Instructions

Red Forged Upper Control Arms for Toyota Tundra (2022–2025)

Part number: 76801RED

trailfortress.com/red-forged-upper-control-arms-toyota-tundra-rough-country-76801red

Scan for fitment, price and install help

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ROUGH COUNTRY
SUSPENSION SYSTEMS®

TOYOTA 2022 Tundra 2.5-4” Lift Forged Aluminum Upper Control Arm

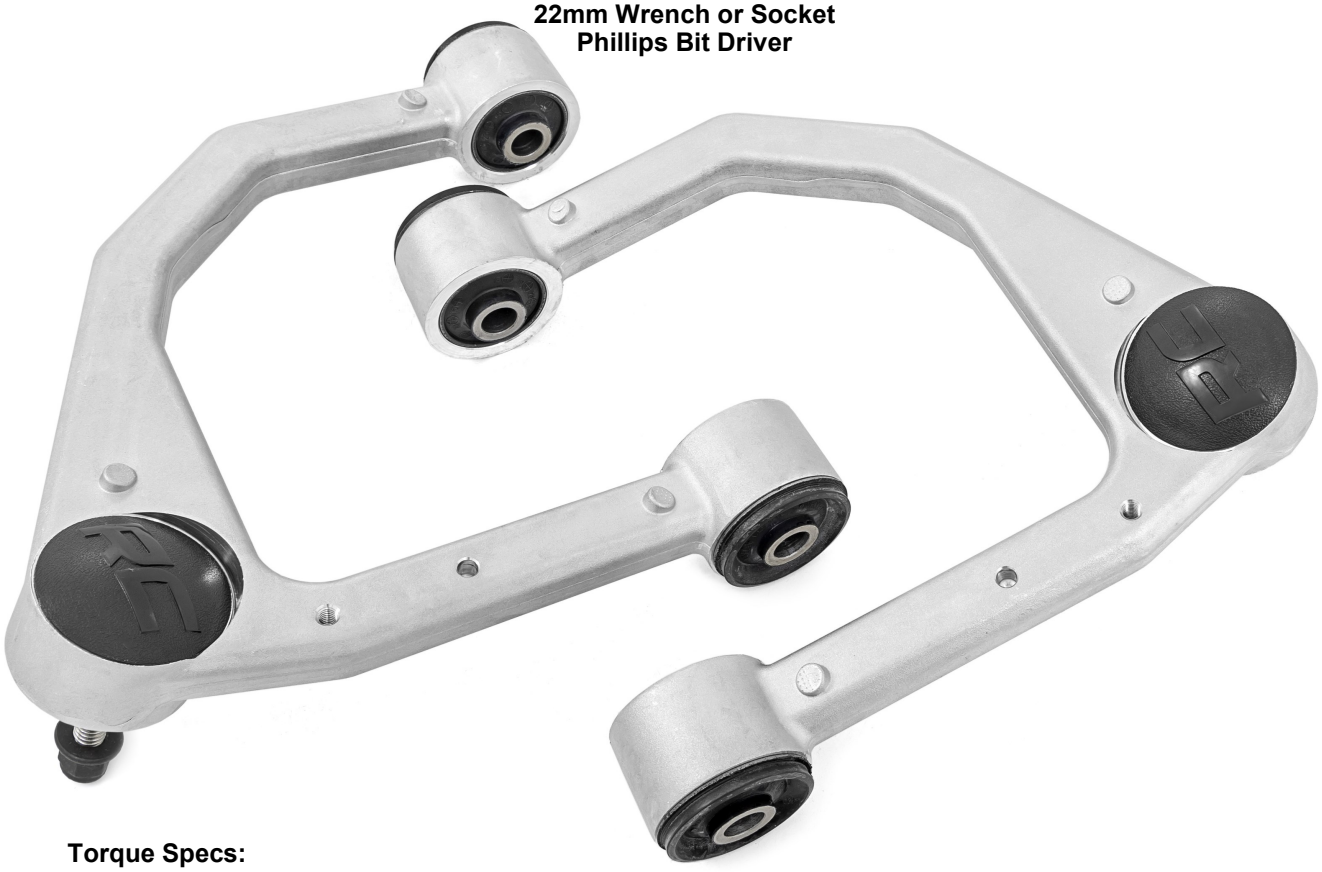
Thank you for choosing Rough Country for all your vehicle needs.

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.
If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product.
Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.
Periodically check all hardware for tightness.

KIT CONTENTS:
Driver Side Upper Control Arm x1
Pass Side Upper Control Arm x1

TOOLS NEEDED:
10mm Wrench or Socket
12mm Wrench or Socket
19mm Wrench or Socket
22mm Wrench or Socket
Phillips Bit Driver

HARDWARE INCLUDED:
Ball Joint Nuts x2
1/2” Flat Washers x2

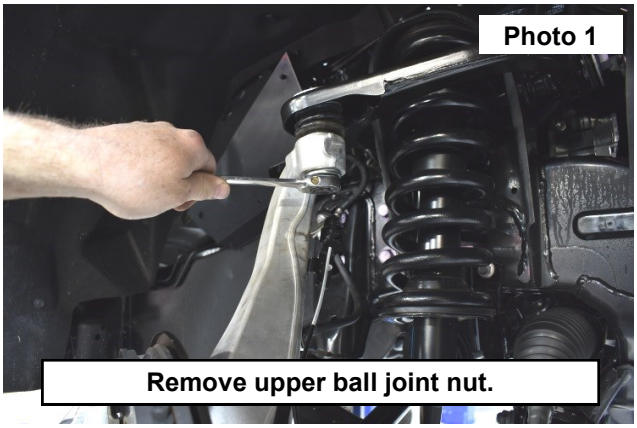


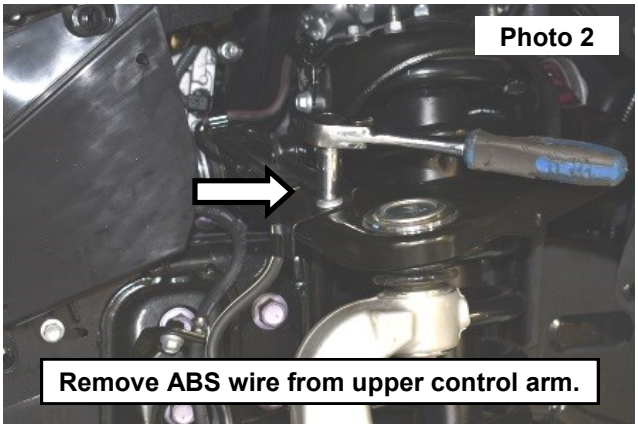
Torque Specs:

Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16”	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8”	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16”	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2”	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16”	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8”	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4”	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs

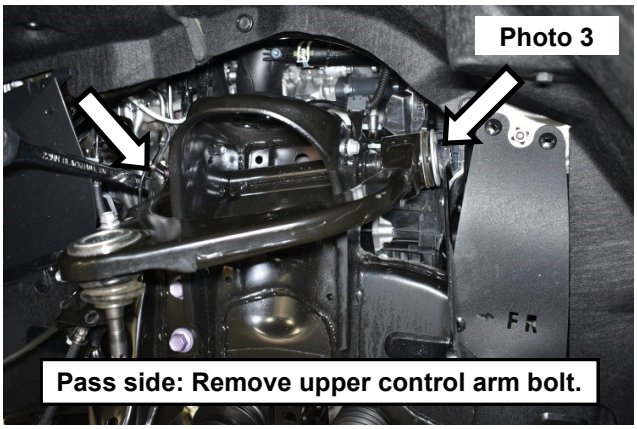
INSTALLATION INSTRUCTONS

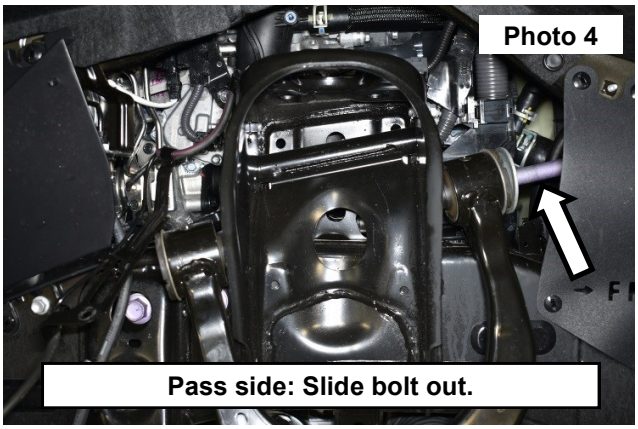
1. Remove the J-clip from the upper ball joint nut and remove the nut using a 19mm socket/wrench. **See Photo 1**.
2. Remove the ABS wire from the upper control arm using a 10mm socket/wrench. **See Photo 2**.



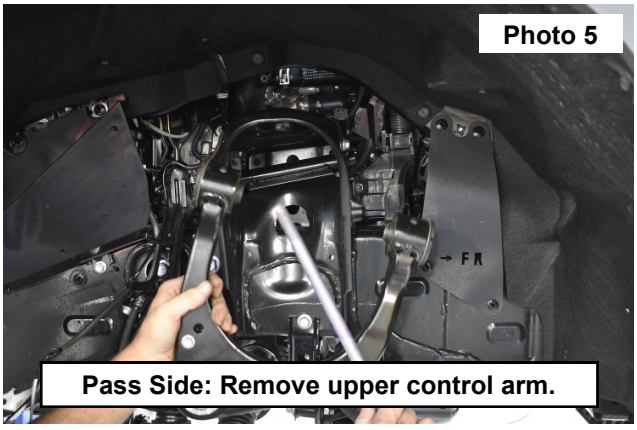


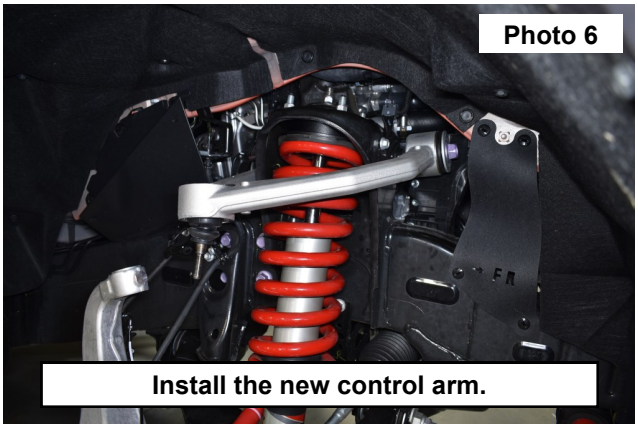
3. **Passenger side**: Remove the upper control arm bolt using two 22mm wrenches. **See Photo 3**.
4. Slide the bolt out to remove the upper control arm. **See Photo 4**.



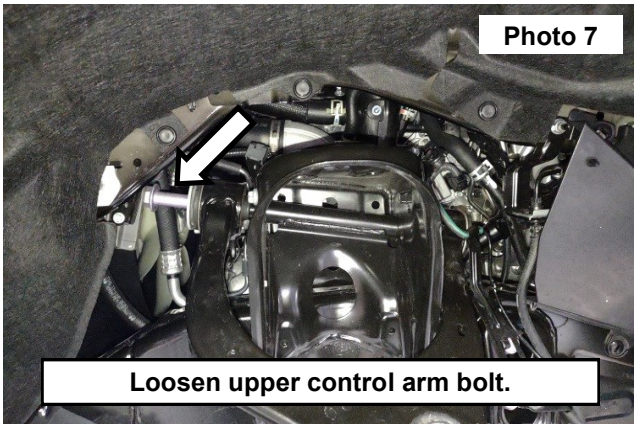


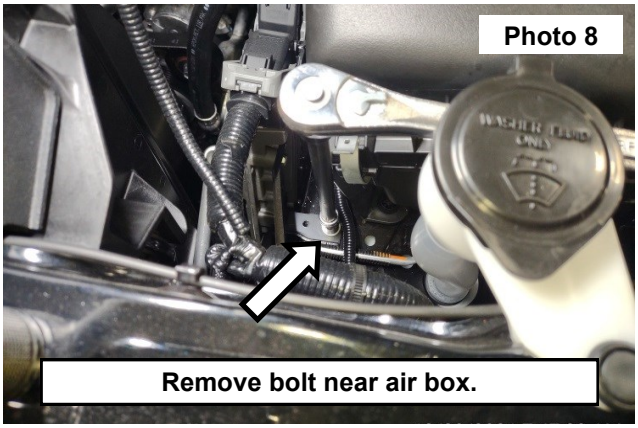
5. Remove the upper control arm. **See Photo 5**.
6. Install the new upper control arm using the OE bolt. **See Photo 6.**



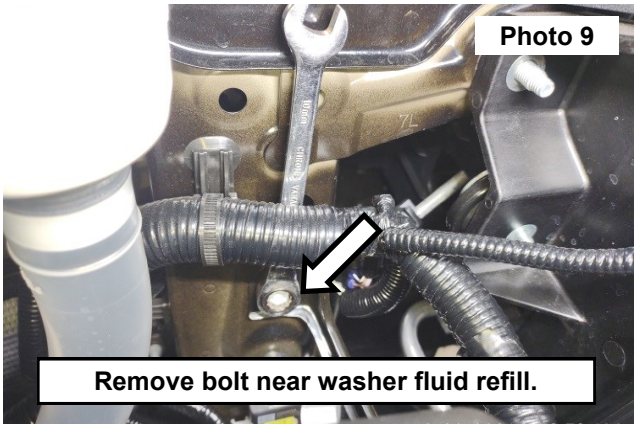


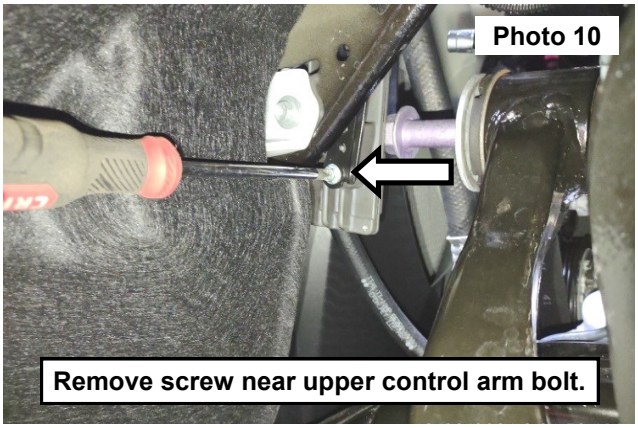
7. **Driver side**: Loosen upper control arm bolt using two 22mm wrenches. **See Photo 7**.
8. Open the hood and remove the bolt near the air box using a 10mm socket. **See Photo 8**.



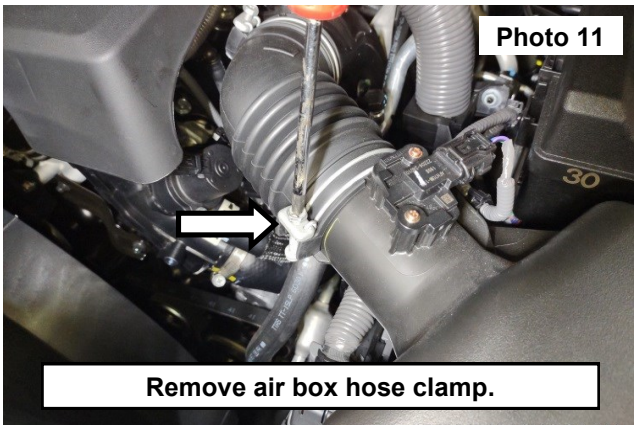


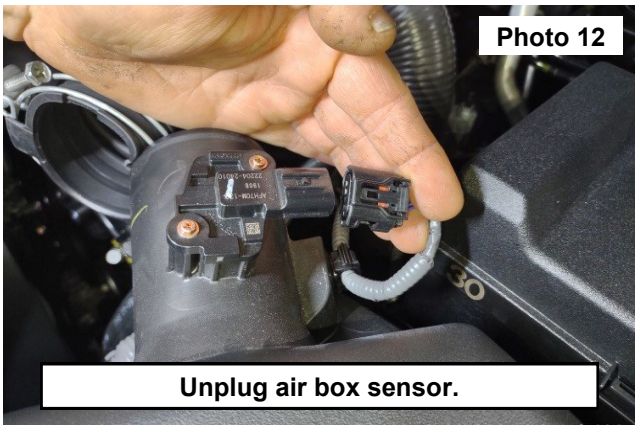
9. Remove the bolt near the washer fluid refill using a 10mm wrench. **See Photo 9**.
10. Remove the screw next to the upper control arm bolt using a screw driver. **See Photo 10**.



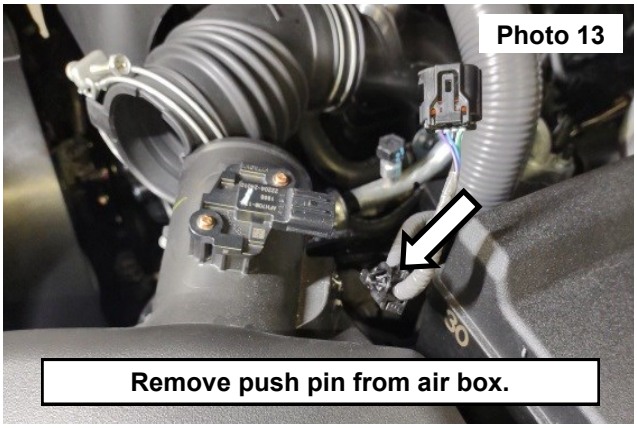


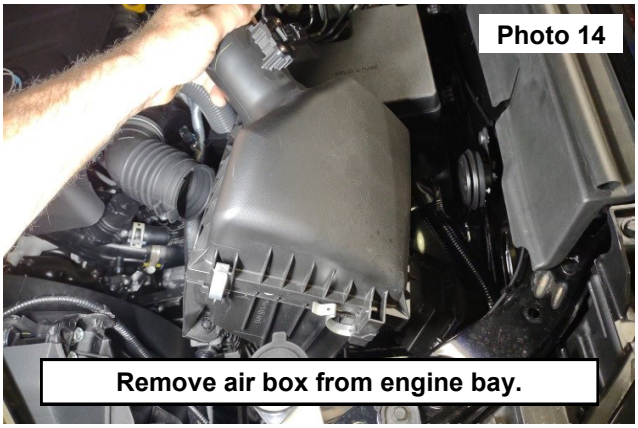
11. Unscrew the air box hose clamp using a Phillips bit driver. **See Photo 11**.
12. Unplug the air box sensor. **See Photo 12**.





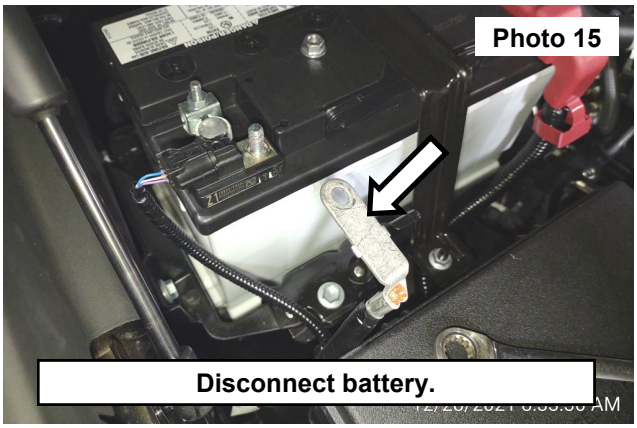
13. Remove the push pin from the air box. **See Photo 13**.
14. Remove the air box from the engine bay. **See Photo 14**.

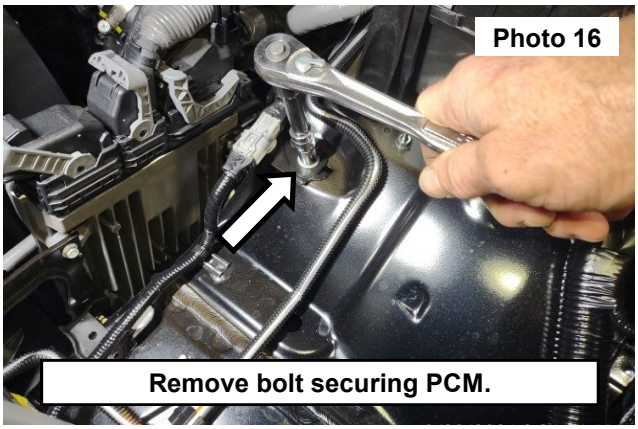




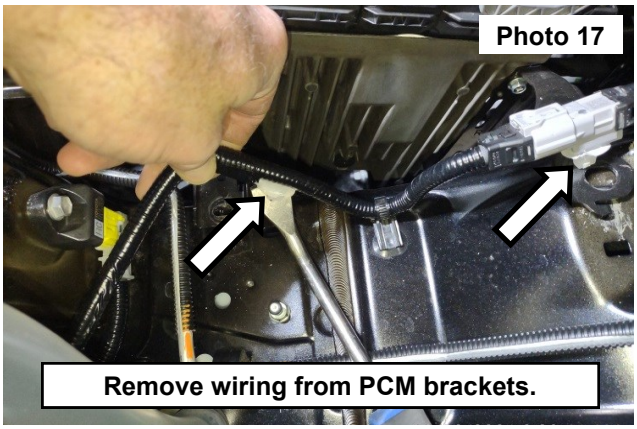
NOTICE

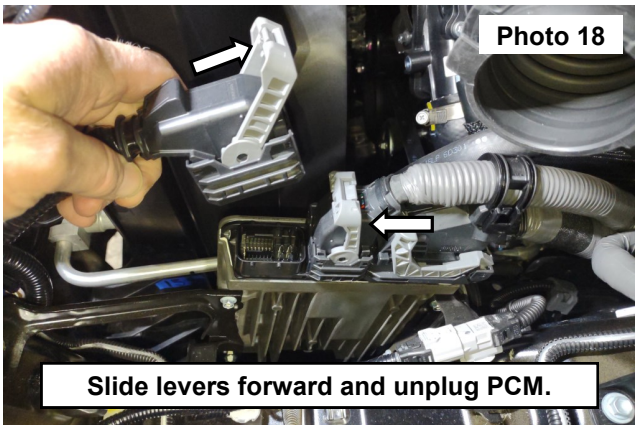
15. Disconnect the battery using a 12mm wrench. **See Photo 15**.
16. Remove the bolt securing the PCM using a 10mm socket/wrench. **See Photo 16**.



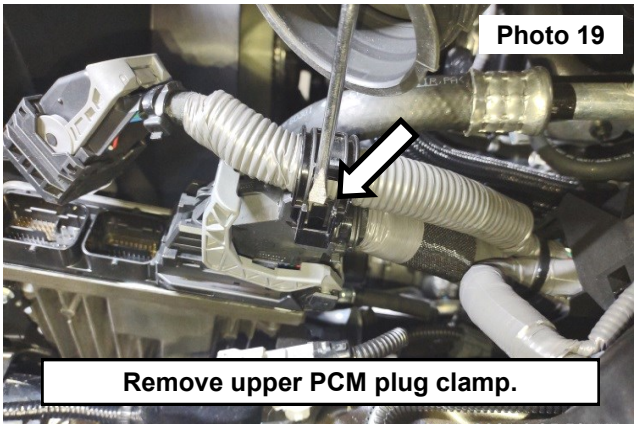


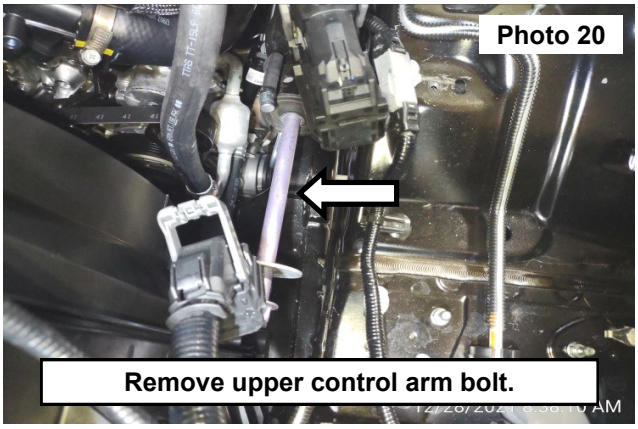
17. Use a trim remover tool to remove the wiring from the PCM brackets. **See Photo 17**.
18. Slide the levers forward to unlock and unplug the PCM. **See Photo 18**.



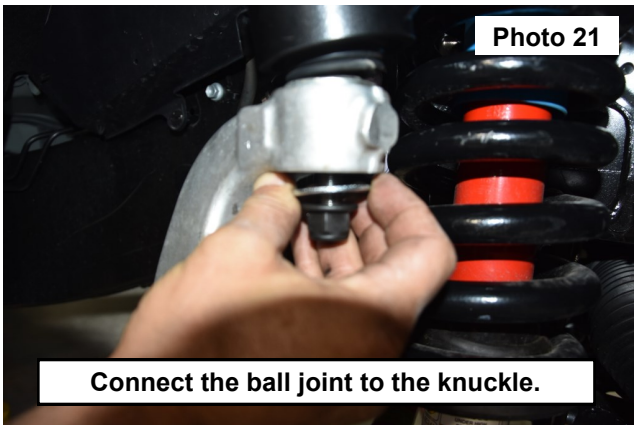


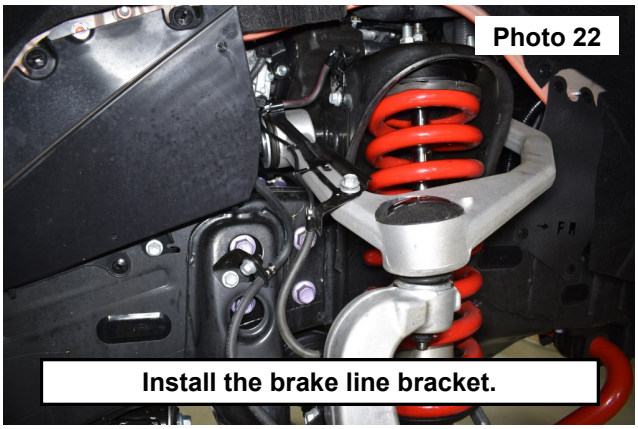
19. Remove the upper PCM plug clamp using a flat head and unplug the last PCM plug and remove the PCM from the engine bay. **See Photo 19**.
20. Remove the Dr side upper control arm bolt and remove the upper control arm. Finally! **See Photo 20**.
NOTE: After installing the upper control arm, reinstall PCM and air box in reverse order of tear down.



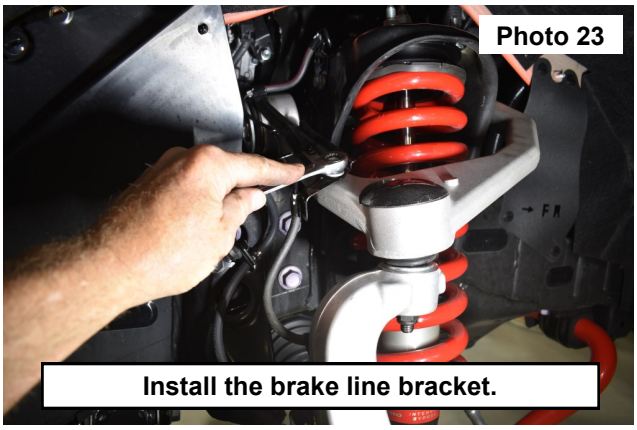


21. Install the upper ball joint into the knuckle using the supplied washer and lock nut. Tighten using a **See Photo 21.**
22. Place the brake line bracket on top of the control arm and secure using the OE hardware. **See Photo 22.**





23. Tighten using a 10mm wrench. **See Photo 23.**



POST INSTALLATION INSTRUCTIONS

1. Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness.
2. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/ replacement may result in component failure.
3. Activate four wheel drive system and check front hubs for engagement.
4. Have a qualified alignment center align the vehicle immediately. Realign to factory specifications.
5. Check and retighten wheels at 50 miles and again at 500 miles.
6. All kit components must be retightened at 500 miles and then every three thousand miles after installation. Periodically check all hardware for tightness.
7. Install “Warning to Driver” decal on sun visor