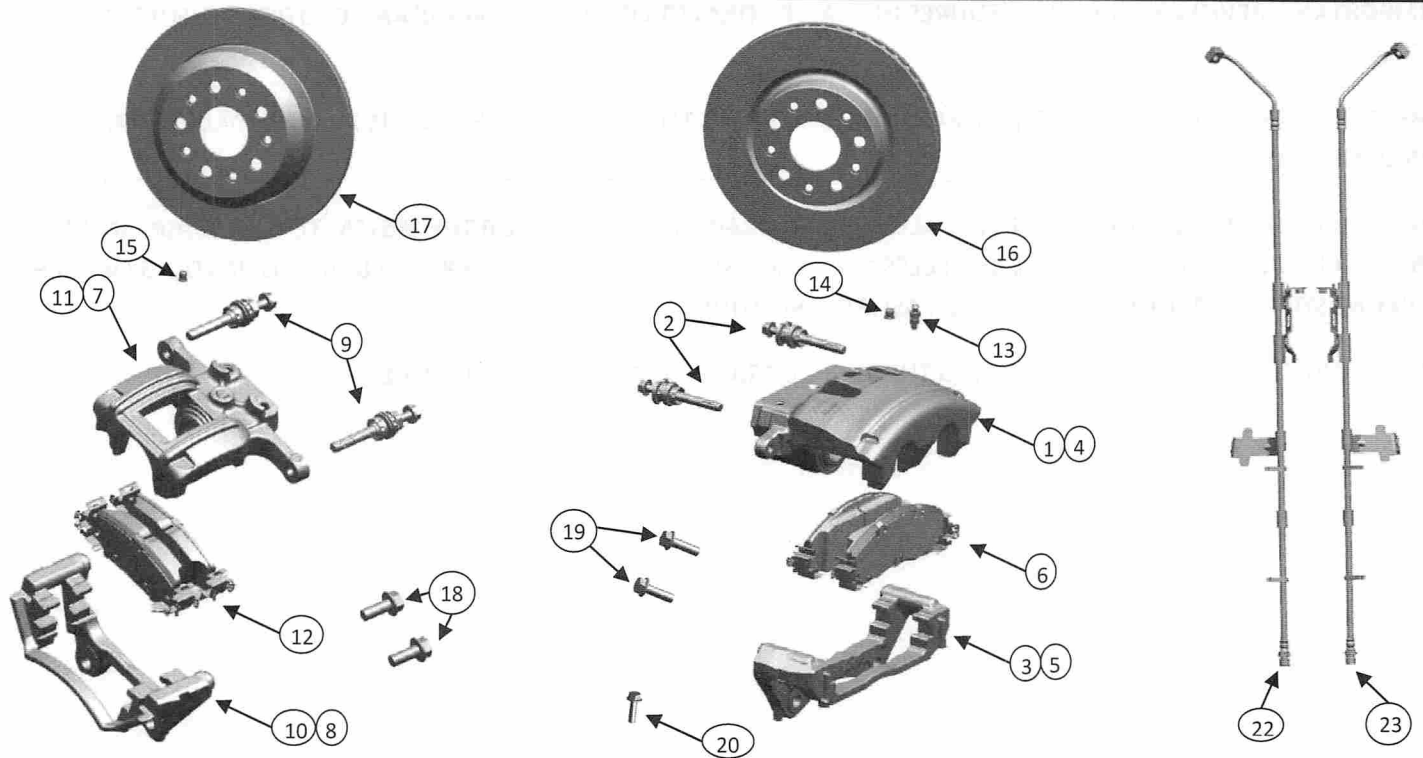




Wrangler Big Brake Kit

www.mopar.com



Callout	Name	Qty
1	Right Frt Caliper	1
2	Pin Kit - Frt	2
3	Left Frt Adapter	1
4	Left Frt Caliper	1
5	Right Frt Adapter	1
6	Front Brake Pad Kit	1
7	Right Rr Caliper	1
8	Right Rr Adapter	1
9	Pin Kit - Rear	2
10	Left Rr Adapter	1
11	Left Rr Caliper	1
12	Rear Brake Pads	1
13	Screw – Bleeder	4
14	Cap- Bleeder Screw Frt	2
15	Cap - Bleeder Screw Rr	2
16	HD Front Rotor	2
17	HD Rear Rotor	2
18	JL Rear Caliper to Axle Bolt	4
19	JL Front Caliper to Knuckle Bolt	4
20	Banjo Bolt	4

Callout	Name	Qty
21	Copper Washer	8
22	Frnt Brake Hose Left	1
23	Frnt Brake Hose Right	1

* On items with Left and Right hand parts only one side is shown for reference.
Copper washer not shown. Pictures not to scale.

IMPORTANT: REVIEW SERVICE PROCEDURES IN DEALER CONNECT FOR ALL WARNINGS AND CAUTIONS BEFORE PROCEEDING

BEFORE LIFTING VEHICLE, USE A BRAKE PADEL HOLDING TOOL TO DEPRESS AND HOLD THE BRAKE PEDAL PAST THE FIRST INCH OF TRAVEL.

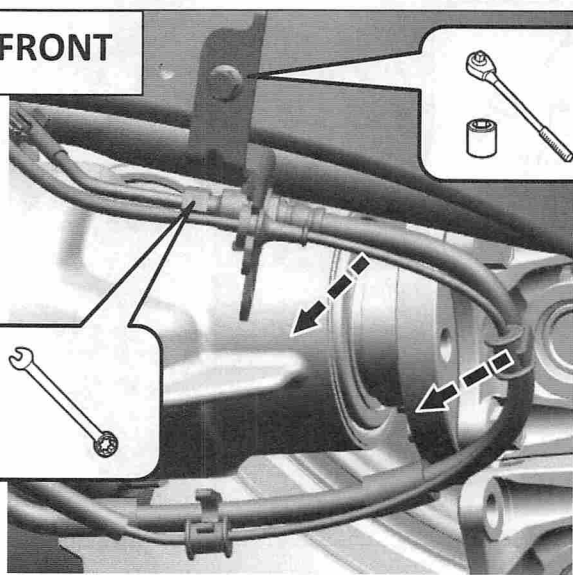
WARNING: IF THE MASTER CYCLINDER IS ALLOWED TO DRAIN FAR ENOUGH FOR THE SYSTEM TO INGEST AIR, AN ABS BRAKE BLEEDING PROCEDURE WILL BE NECESSARY WHICH REQUIRES THE USE OF PROPER DIAGNOSTIC TOOLS (wiTECH DIAGNOSTIC SCAN TOOL) AND COMPUTER ASSISTED ROUTINES.

WARNING: USE CAUSTION WHEN LIFTING THE VEHICLE PRIOR TO PROCEEDING TO STEP 1.

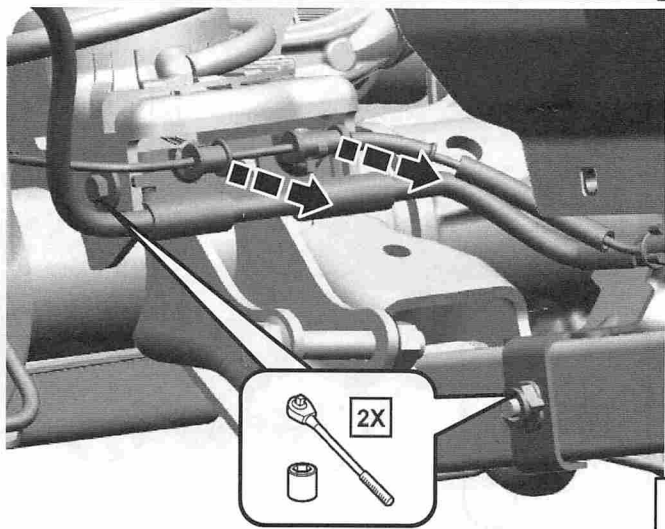
DISASSEMBLE FRONT



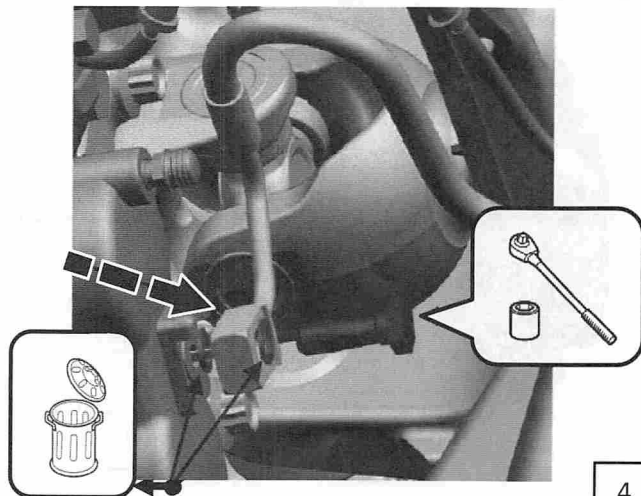
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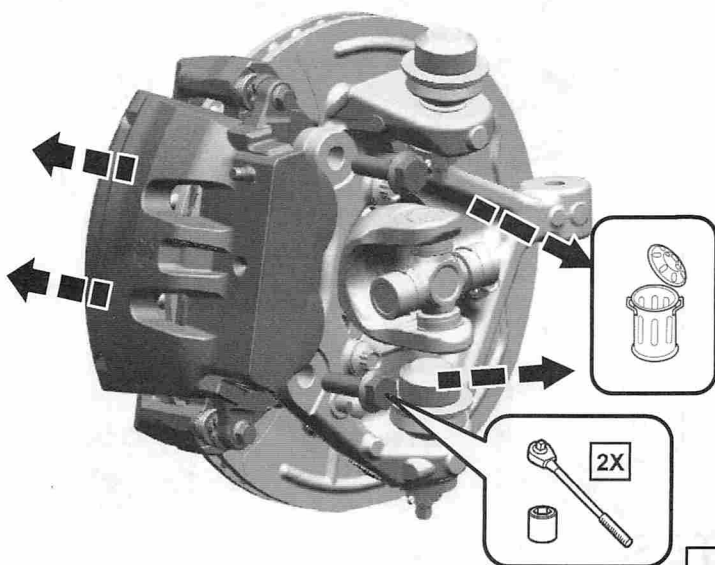
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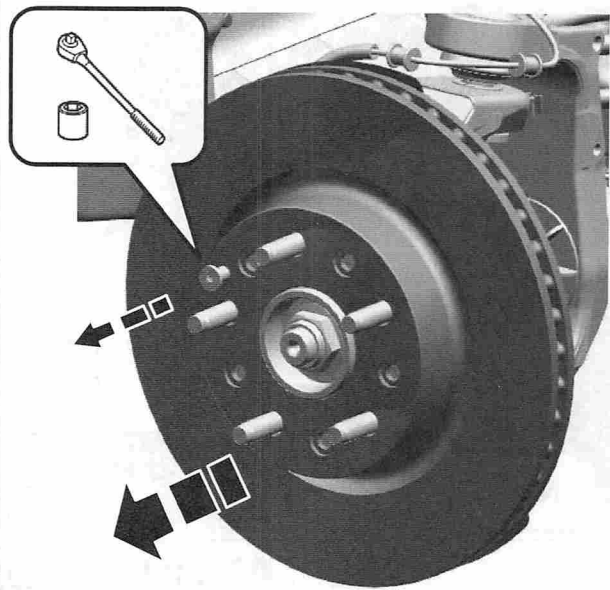
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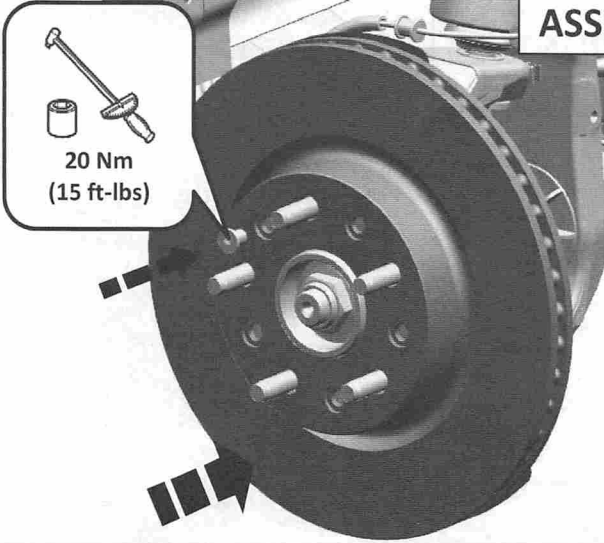
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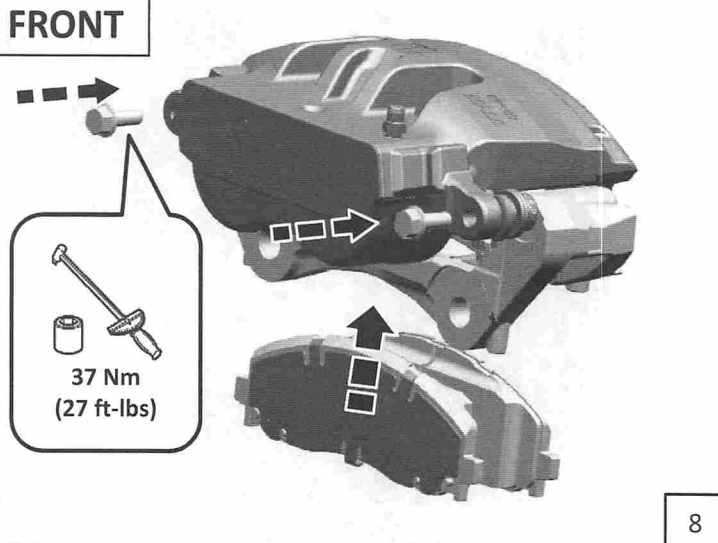
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REPEAT ON OPPOSITE SIDE OF VEHICLE

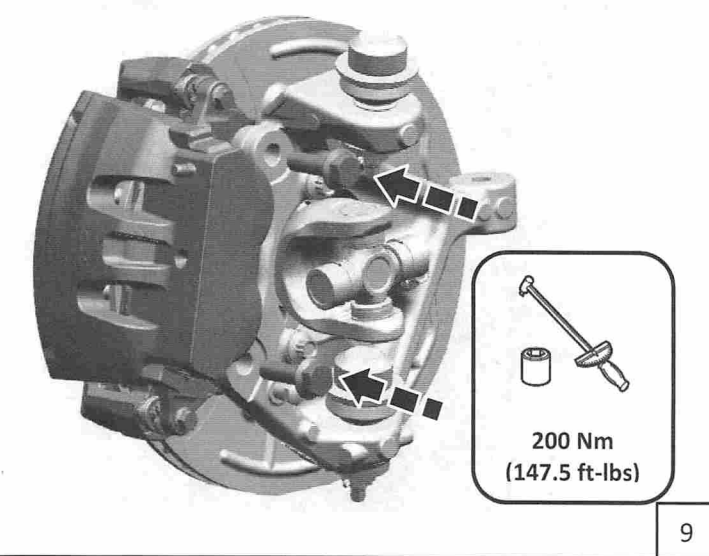
ASSEMBLE FRONT



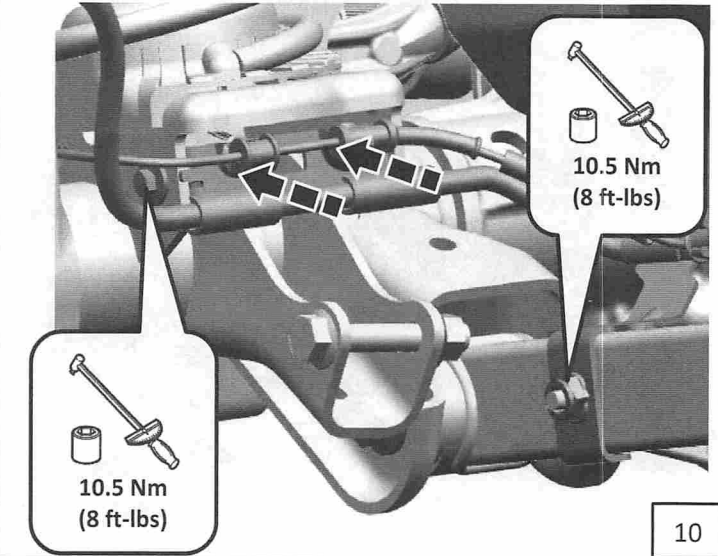
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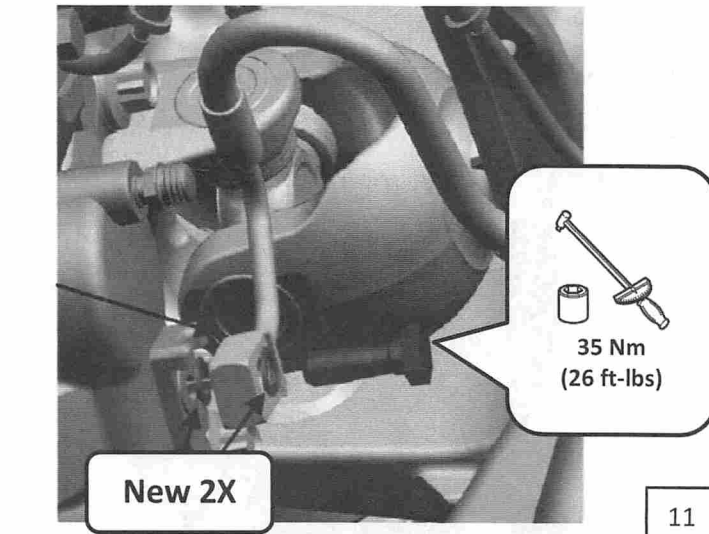
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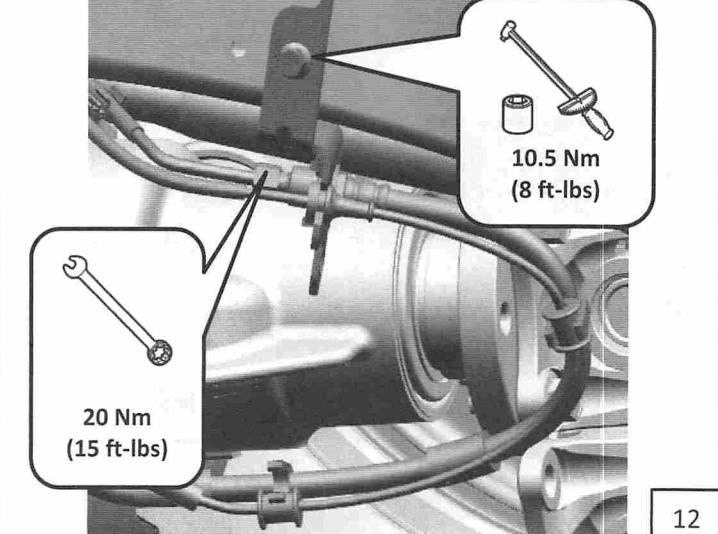
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10



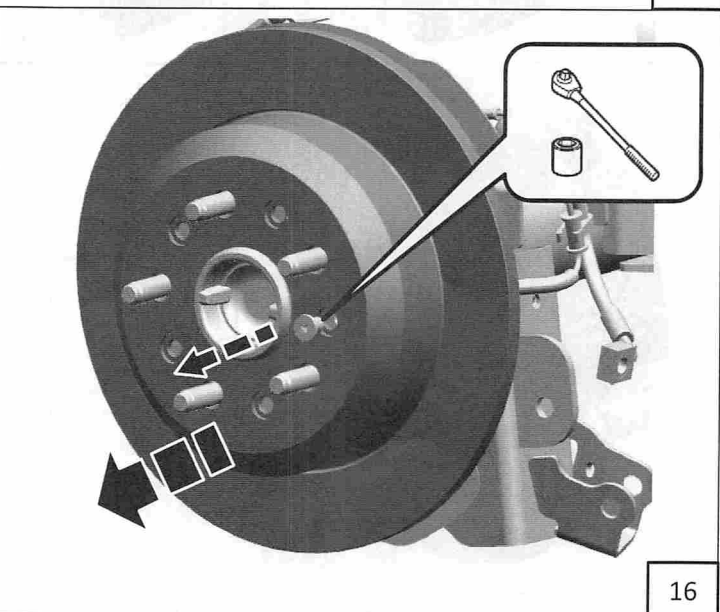
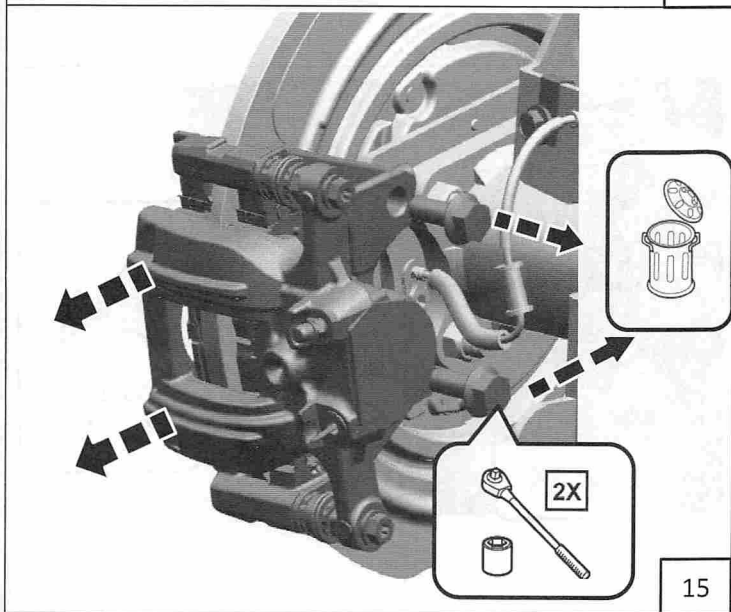
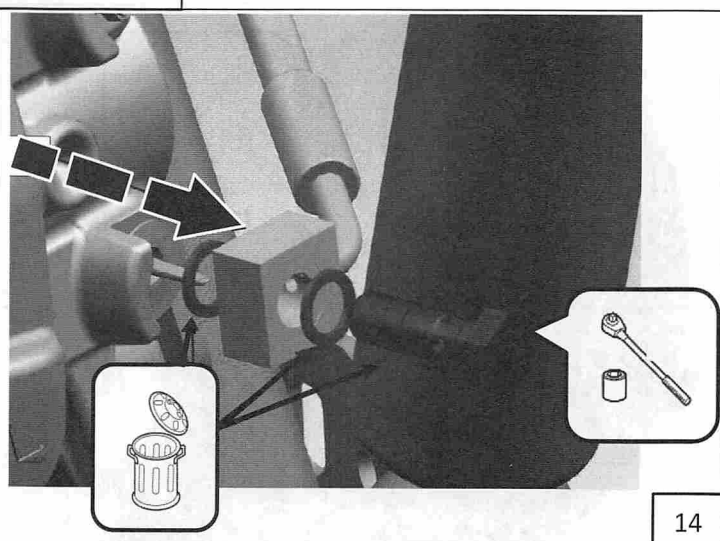
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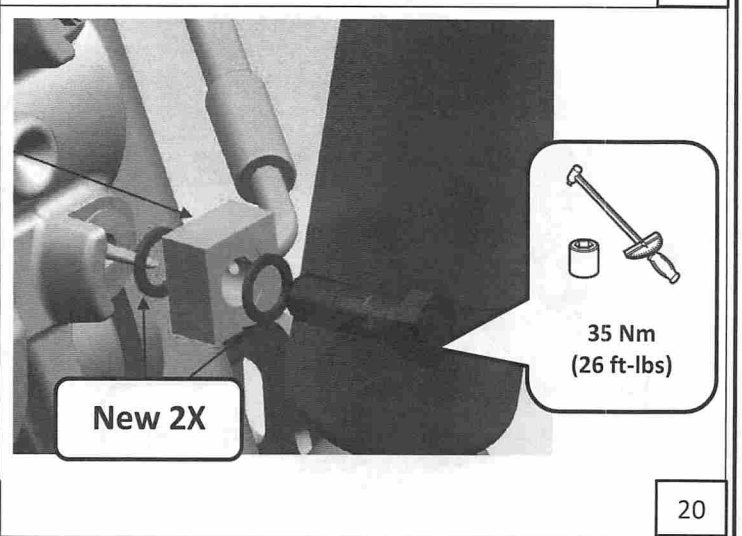
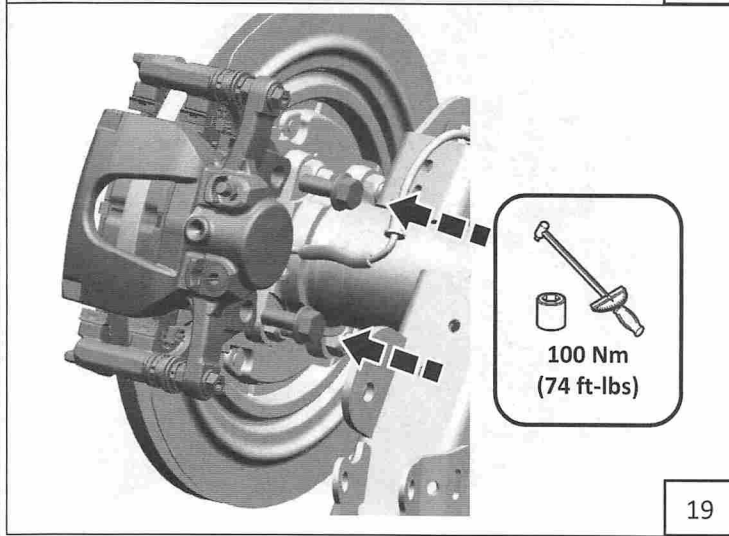
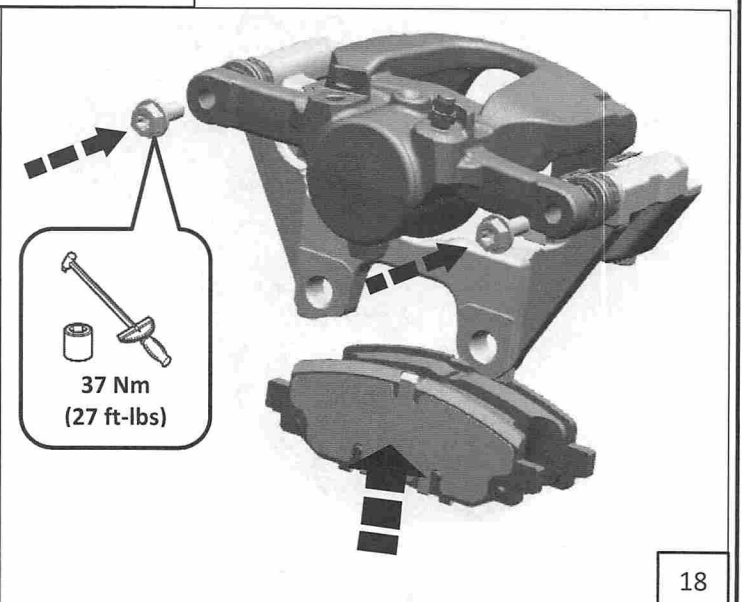
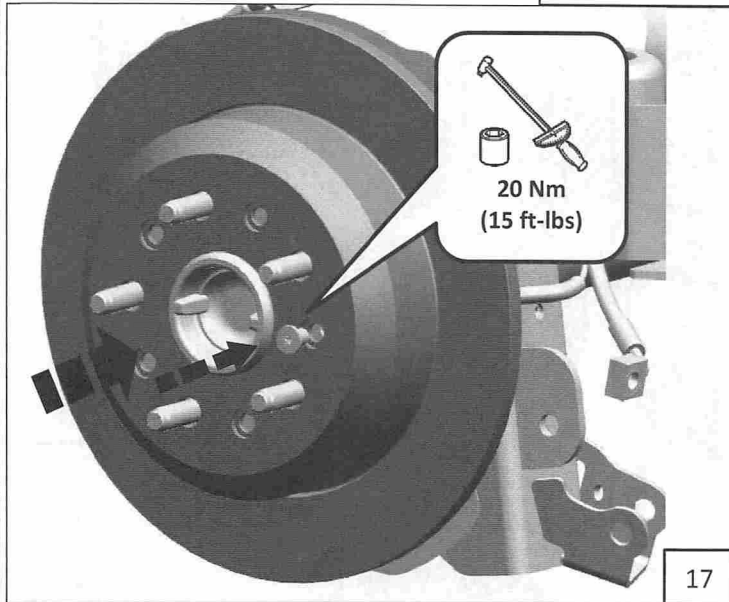
REPEAT ON OPPOSITE SIDE OF VEHICLE

DISASSEMBLE REAR



REPEAT ON OPPOSITE SIDE OF VEHICLE

ASSEMBLE REAR



REPEAT ON OPPOSITE SIDE OF VEHICLE

BRAKE BLEEDING

CAUTION: Before removing the master cylinder cover, wipe it clean to prevent dirt and other foreign matter from dropping into the master cylinder.

CAUTION: Use only Mopar brake fluid or an equivalent from a fresh, tightly sealed container. Brake fluid must conform to DOT 3 specifications.

NOTE: Do not pump the pedal at any time with a bleeder screw open during the bleeding process. This only increases the amount of air in the system and makes additional bleeding necessary.

NOTE: do not allow the master cylinder reservoir to run out of brake fluid while bleeding the system. An empty reservoir allows additional air into the brake system. Check the fluid level frequently and add fluid as needed.

CAUTION: The antilock brake system (ABS) must always be bled anytime it is suspected that the HCU has ingested air. It requires the use of a scan tool. Please take vehicle to your local dealer.

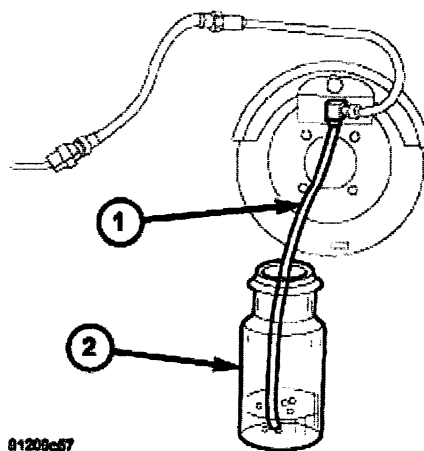
NOTE: Pressure bleeding is recommended to bleed the base brake system to ensure all air is removed from system. Manual bleeding may also be used, but additional time is needed to remove all air from system.

Warning: When bleeding the brake system wear safety glasses. A clear bleed tube (1) must be attached to the bleeder screws and submerged in a clear container filled part way with clean brake fluid (2). Direct the flow of brake fluid away from yourself and the painted surfaces of the vehicle. Brake fluid at high pressure may come out of the bleeder screws when opened

MANUAL BLEEDING

Use Mopar brake fluid, or an equivalent quality fluid meeting SAE J1703-F and DOT 3 standards only. Use fresh, clean fluid from a sealed container at all times.

1. Remove reservoir filler caps and fill reservoir.
2. If calipers were overhauled, open all caliper bleed screws. Then close each bleed screw as fluid starts to drip from it. Top off master cylinder reservoir once more before proceeding.
3. Attach one end of bleed hose (1) to bleed screw and insert opposite end in glass container (2) partially filled with brake fluid. Be sure end of bleed hose is immersed in fluid.



NOTE: Bleed procedure should be in this order (1) Right rear (2) Left rear (3) Right front (4) Left front.

4. Open up bleeder, then have a helper press down the brake pedal. Once the pedal is down, hold the pedal down while closing the bleeder. Repeat bleeding until fluid stream is clear and free of bubbles. Then move to the next wheel.
5. Before moving the vehicle verify the pedal is firm and not mushy.
6. Top off the brake fluid and install the reservoir cap.

REINSTALL WHEELS

LOWER VEHICLE

PROGRESSIVELY TIGHTEN ALL WHEEL MOUNTING (LUG) BOLTS IN A STAR PATTERN TO 183 Nm (135 ft-lbs)

PUMP THE BRAKE PEDAL SEVERAL TIMES BEFORE MOVING THE VEHICLE TO SET THE PADS TO THE BRAKE ROTORS

CHECK AND ADJUST THE BRAKE FLUID LEVEL IN THE RESERVOIR AS NECESSARY

TEST DRIVE THE VEHICLE TO MAKE SURE THE BRAKES ARE OPERATING PROPERLY AND THE PEDAL FEEL IS CORRECT.

Document Revision History

Date	Section	Summary of Changes Made	Notes

Revision Date

K number