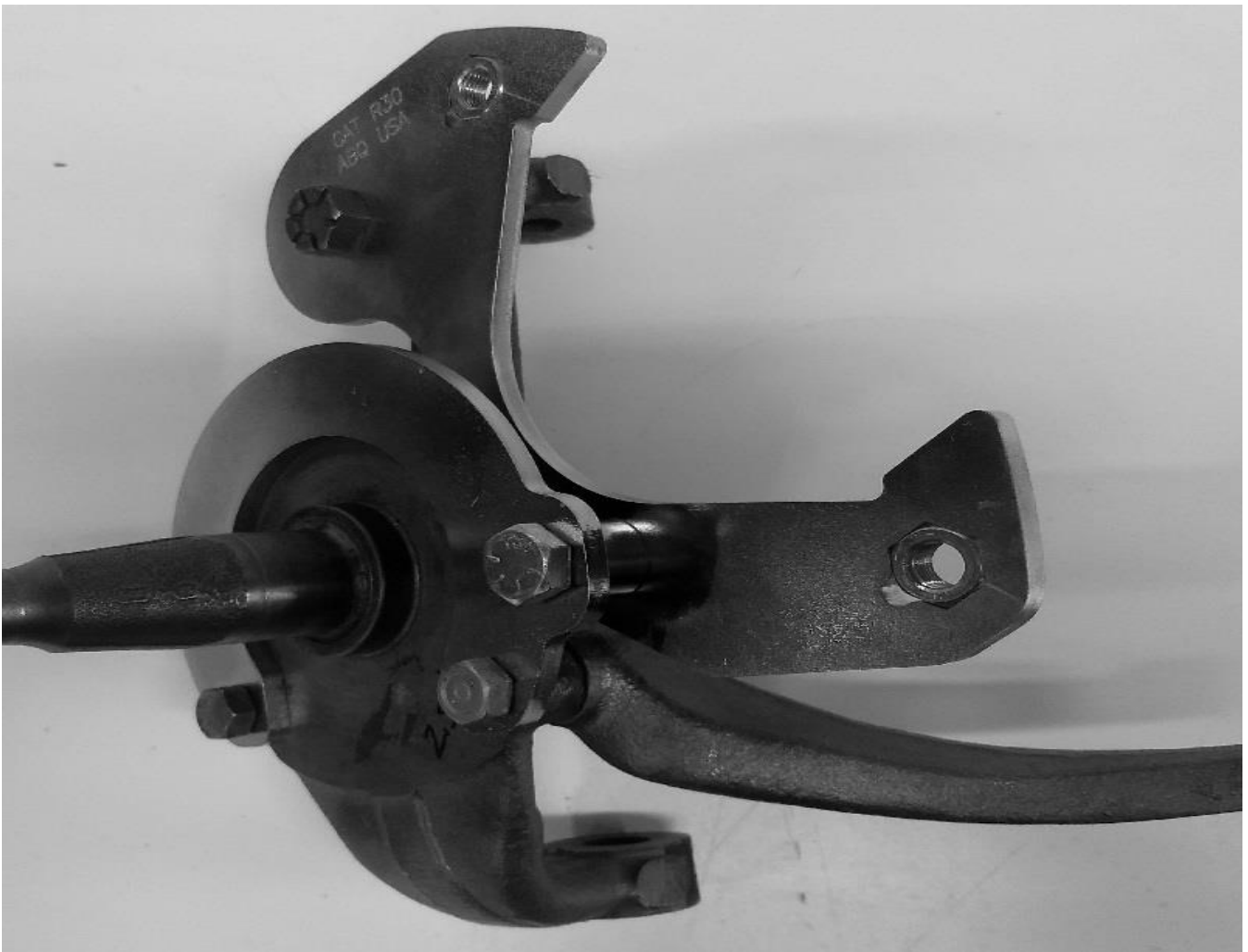


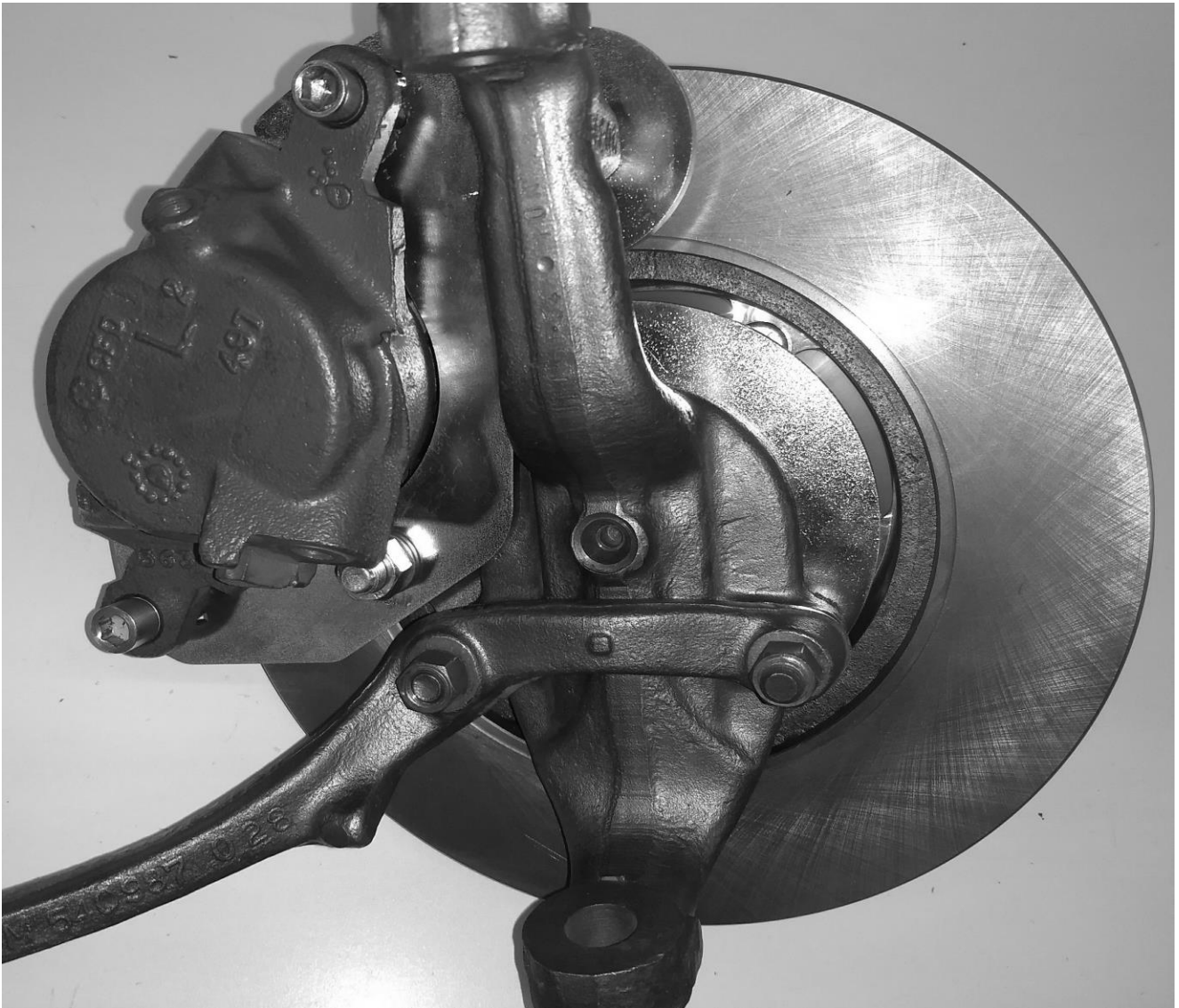
1959-64, 1965-66, 1967-68 Pontiac front disc brake conversion

1. Crack front wheel nuts loose, chock up rear wheels.
2. Jack up front end of car, **support crossmember with jackstands**.
3. Remove front wheels, then the drum/hub assembly.
4. Spray hard line hydraulics nuts with penetrant oil, such as Kano Lab's AeroKroil. Undo lower drum backing plate nuts, and remove upper drum bolt. Disconnect brake flexible line at frame by unscrewing hard line nut, then removing clip. Remove drum backing plate and all drum hardware in one assembly. Clean off spindle assembly.
5. Place upper adapter plate over spindle with caliper opening to the rear and **caliper nut welds facing outward for 1959-64's and inward for 1965-68's** and insert top bolt (1959-64 reuse original, 1965-68 use supplied bolt) **loosely**. Attach lower bracket with supplied bolts **loosely** on face of spindle with welded spacer facing inward. Slide supplied 1/2" bolts thru outer brackets, then inner bracket. Place lock washer and nut on bolt. Tighten all 7/16" bolts to 42 ft-lbs., 1/2" to 65 ft-lbs. and upper 9/16" bolts to 75 ft-lbs.



6. Clean and pack wheel bearings with quality wheel grease. Grease and install seal. Assemble hub onto spindle, tighten outer nut to spec, then secure with new cotter pin and dust cap.
7. Rotor will most likely need the stud holes to be elongated toward the center of the rotor. A rat tail file or Dremel will do this quickly. Wipe down rotor with alcohol or lacquer thinner. Place rotor on hub and run a few lug nuts to retain.

8. **Wash hands! Rotors and pads must be squeaky clean.** For street use the softest pads you can find or use Hawk HPS D52 pads for excellent street performance. Load pads into calipers, use anti-squeak compound and squeeze tabs on outer pads to keep from moving. Lightly lube contact points with silicone grease. Slide caliper assembly into caliper bracket, then screw in slide bolts and tighten to 35 foot-pounds. Check fitment and rotate rotor to check clearance.
9. Check for best hose length with a length of fuel line. Install new hoses (12", use 1977 Caprice, 15" use 1977 Firebird) with new copper crush washers on both sides of hose fitting, and then reconnect to hard line. You may need an adapter or reflare the hard line to mate to the 3/8-24 inverse flare on the hose. Another option is the Weatherhead adapter #7828. Some hoses may require modifying the hose bracket on the frame to fit.
10. Master cylinder and proportioning valve specs are quite varied. Some have used the existing single master. We have found the 1985-87 S10 BK booster will bolt up to some firewalls with modification. This is an excellent dual 9" booster that may take 1971-76 Catalina master or the S10 unit.
11. Bench bleed disc master cylinder, mount on car, then bleed entire system and test.



Rotor 2003-2006 Dodge Sprinter 3500 with 16" wheel (285mm diameter)

NAPA	48880346	<u>Bendix</u>	<u>PRT 5669</u>
Raybestos	780346R	Centric	121.35074

Application	NAPA	Wagner	Raybestos
Caliper, LH 1978-81 Firebird front	CAL N4572	CR78670	RC4123
Caliper, RH 1978-81 Firebird front	CAL N4571	CR78671	RC4124
Brake pads 1978-81 Firebird	TS728A	MX728A	RPD728M
Brake Hose 1978-81 Firebird front	36845	---	BH36845
Banjo Bolt 1978-81 Firebird	UP82699		Carlson Part # H94582
Inner brg. 1964-72 GTO	BR6	A6	
Outer brg. 1964-72 GTO	BR2	A2	
Wheel Seal 1962-68 Catalina	18543	417.62023	Timken 291295
Dust Cap 1975-2003 F150 2WD	NOE7351424	DORMAN Part # 618-503	

- A Inner brackets (2)
- B Outer brackets (2) (1967-68 drilled 1/2" lower)
1959-64 spacer 0.625" height, 1965-68 0.535" height
- C 1/2" Ø bolts (2) (2-1/4" 1959-64) or (2" 1965-70)
- D 1/2" Ø nuts (2)
- E 1/2 lockwashers (2)
- F 9/16 – 18 x 1-1/4" HHCS w/ lockwashers (2) (1965-68 only)
- G Hose locks (2)
- H Cotter pins (2)
- I Metric Banjo bolts (2)
- J 618-503 dust caps (2)
- K 7/16" (1959-66) or 1/2" (1967-68) 3" bolts (2)
- L 7/16" (1959-66) or 1/2" (1967-68) 2-1/2" bolts (2)
- M 7/16 or 1/2" nuts to match K and L (4)
- N 7/16 or 1/2" lockwashers to match K and L (4)
- O wheel seals 417.62023 (2)
- P Catty hubs (2)
- Q Set 2 Bearings (2)
- R Set 6 Bearings (2)

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