ASSEMBLY INSTRUCTIONS

FOR

2020-2026 TOYOTA SUPRA*

***For additional vehicle compatibility, visit www.wilwood.com**

AERO4/ EPB REAR BRAKE KIT WITH 15.00" DIAMETER VENTED ROTORS AND FLEXLINES

BASE PART NUMBER

140-18481

AERO4 ST/ EPB REAR ROAD RACE BRAKE KIT WITH 15.00" DIAMETER VENTED ROTORS AND FLEXLINES

BASE PART NUMBER

140-18482

DISC BRAKES SHOULD ONLY BE INSTALLED BY SOMEONE EXPERIENCED AND COMPETENT IN THE INSTALLATION AND MAINTENANCE OF DISC BRAKES

READ ALL WARNINGS

WARNING

IT IS THE RESPONSIBILITY OF THE PERSON INSTALLING ANY BRAKE COMPONENT OR KIT TO DETERMINE THE SUITABILITY OF THE COMPONENT OR KIT FOR THAT PARTICULAR APPLICATION. IF YOU ARE NOT SURE HOW TO SAFELY USE THIS BRAKE COMPONENT OR KIT, YOU SHOULD NOT INSTALL OR USE IT. DO NOT ASSUME ANYTHING. IMPROPERLY INSTALLED OR MAINTAINED BRAKES ARE DANGEROUS. IF YOU ARE NOT SURE, GET HELP OR RETURN THE PRODUCT. YOU MAY OBTAIN ADDITIONAL INFORMATION AND TECHNICAL SUPPORT BY CALLING WILWOOD AT (805) 388-1188, OR VISIT OUR WEB SITE AT WWW.WILWOOD.COM. USE OF WILWOOD TECHNICAL SUPPORT DOES NOT GUARANTEE PROPER INSTALLATION. **YOU**, OR THE PERSON WHO DOES THE INSTALLATION MUST KNOW HOW TO PROPERLY USE THIS PRODUCT. IT IS NOT POSSIBLE OVER THE PHONE TO UNDERSTAND OR FORESEE ALL THE ISSUES THAT MIGHT ARISE IN YOUR INSTALLATION.

RACING EQUIPMENT AND BRAKES MUST BE MAINTAINED AND SHOULD BE CHECKED REGULARLY FOR FATIGUE, DAMAGE, AND WEAR.

Need Additional Information? Use Your SmartPhone and Jump to Our Technical Tips Section on Our Web Site.

WARNING

DO NOT OPERATE ANY VEHICLE ON UNTESTED BRAKES!

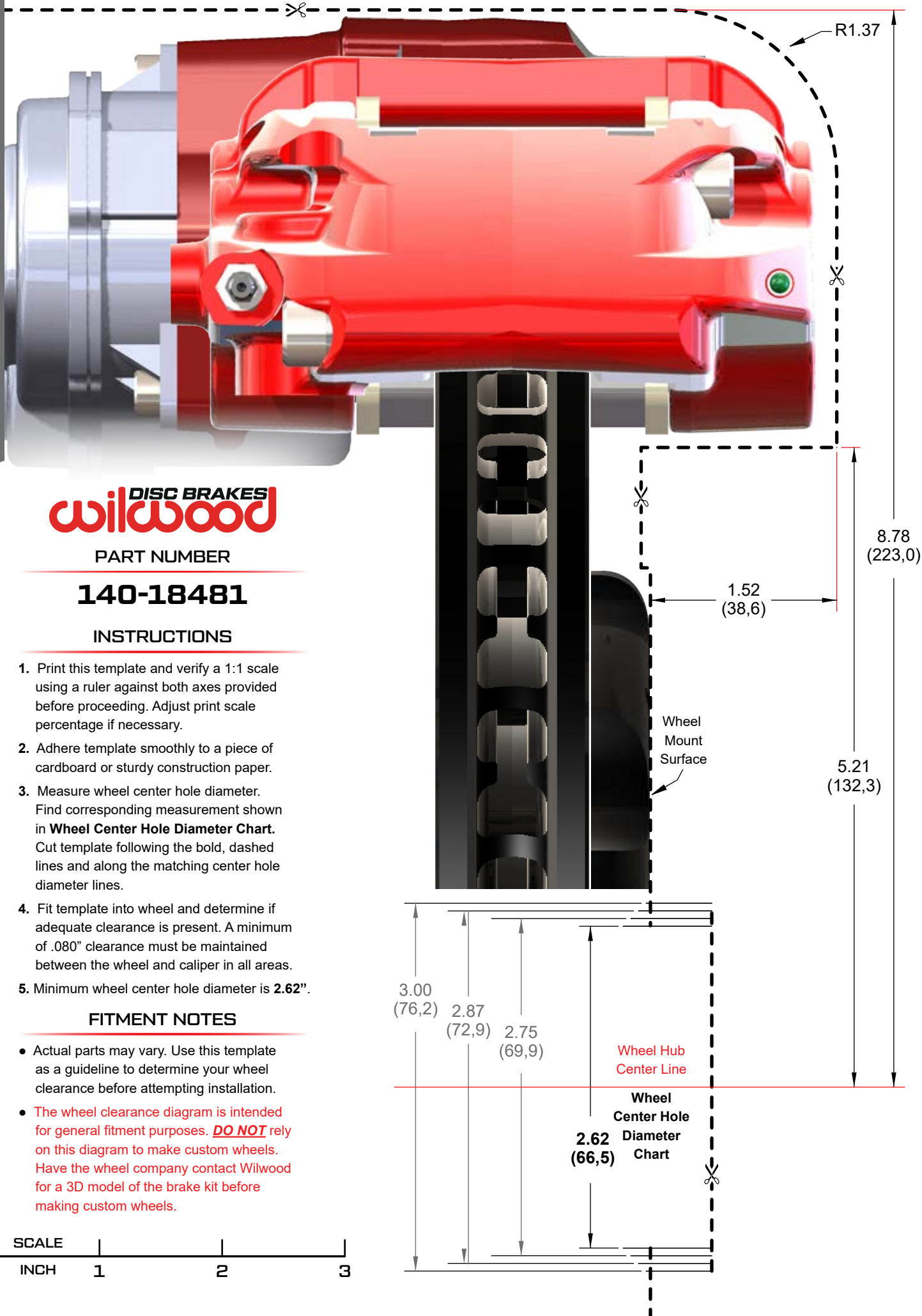
SEE MINIMUM TEST PROCEDURE WITHIN

ALWAYS UTILIZE SAFETY RESTRAINT SYSTEMS AND ALL OTHER AVAILABLE SAFETY EQUIPMENT WHILE OPERATING THE VEHICLE

IMPORTANT • READ THE DISCLAIMER OF WARRANTY INCLUDED IN THE KIT

NOTE: Some cleaners may stain or remove the finish on brake system components. Test the cleaner on a hidden portion of the component before general use.

WHEEL CLEARANCE DIAGRAM



DISC BRAKES wilwood

PART NUMBER

140-18481

INSTRUCTIONS

1. Print this template and verify a 1:1 scale using a ruler against both axes provided before proceeding. Adjust print scale percentage if necessary.
2. Adhere template smoothly to a piece of cardboard or sturdy construction paper.
3. Measure wheel center hole diameter. Find corresponding measurement shown in **Wheel Center Hole Diameter Chart.** Cut template following the bold, dashed lines and along the matching center hole diameter lines.
4. Fit template into wheel and determine if adequate clearance is present. A minimum of .080" clearance must be maintained between the wheel and caliper in all areas.
5. Minimum wheel center hole diameter is **2.62"**.

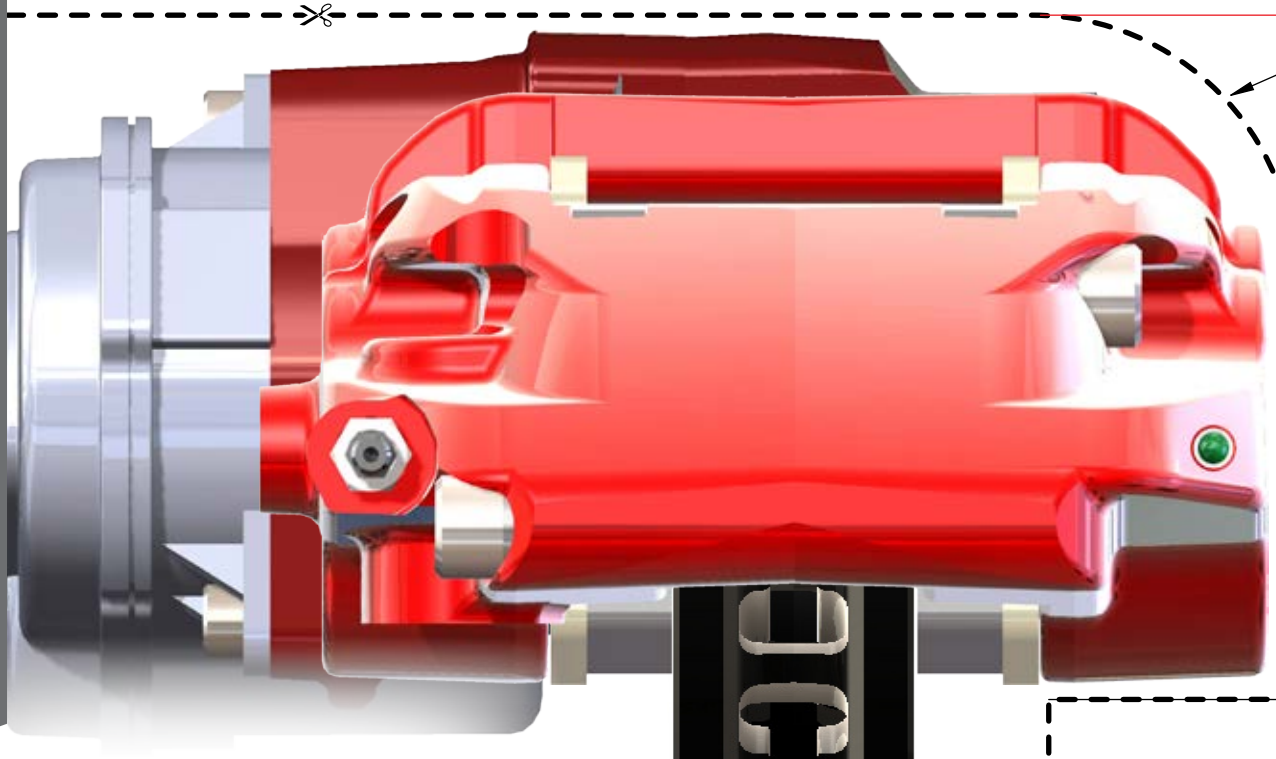
FITMENT NOTES

- Actual parts may vary. Use this template as a guideline to determine your wheel clearance before attempting installation.
- The wheel clearance diagram is intended for general fitment purposes. ***DO NOT*** rely on this diagram to make custom wheels. Have the wheel company contact Wilwood for a 3D model of the brake kit before making custom wheels.

SCALE

INCH 1 2 3

WHEEL CLEARANCE DIAGRAM



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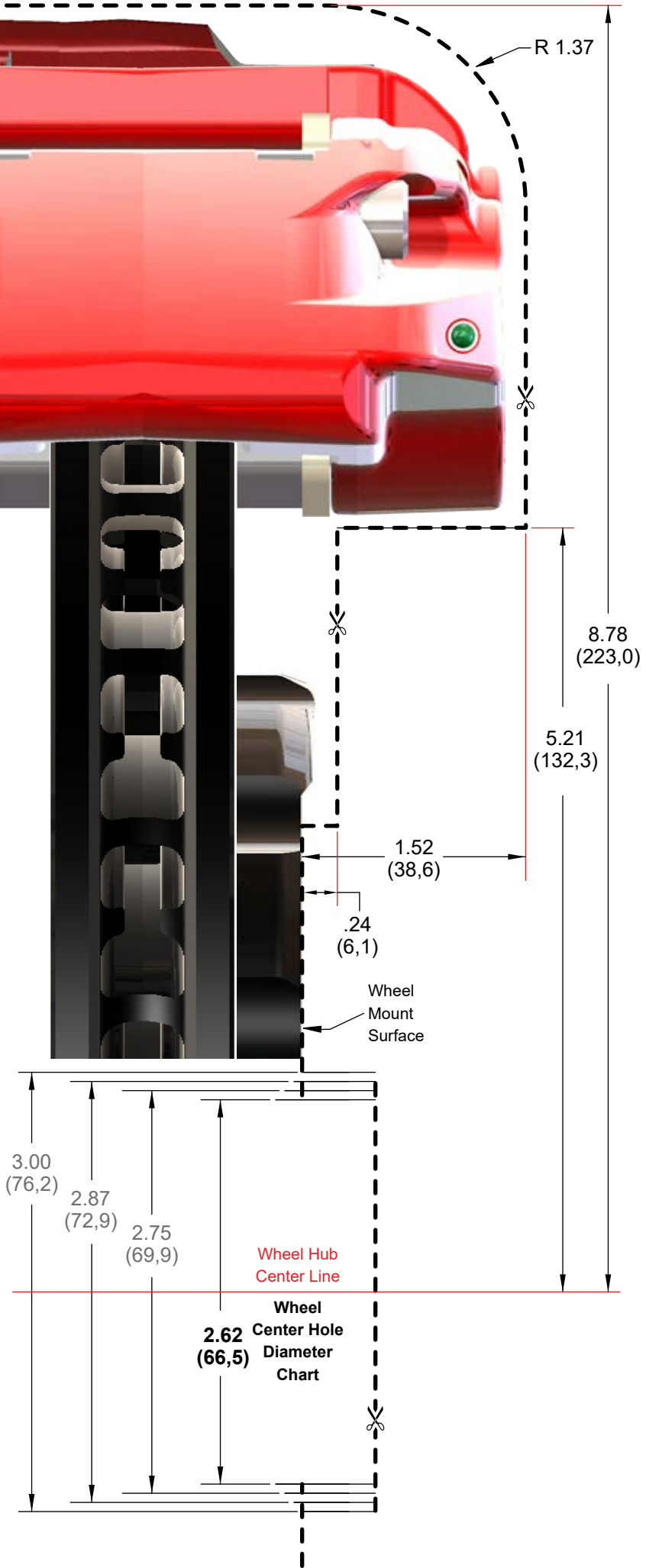

Exploded Assembly Diagram

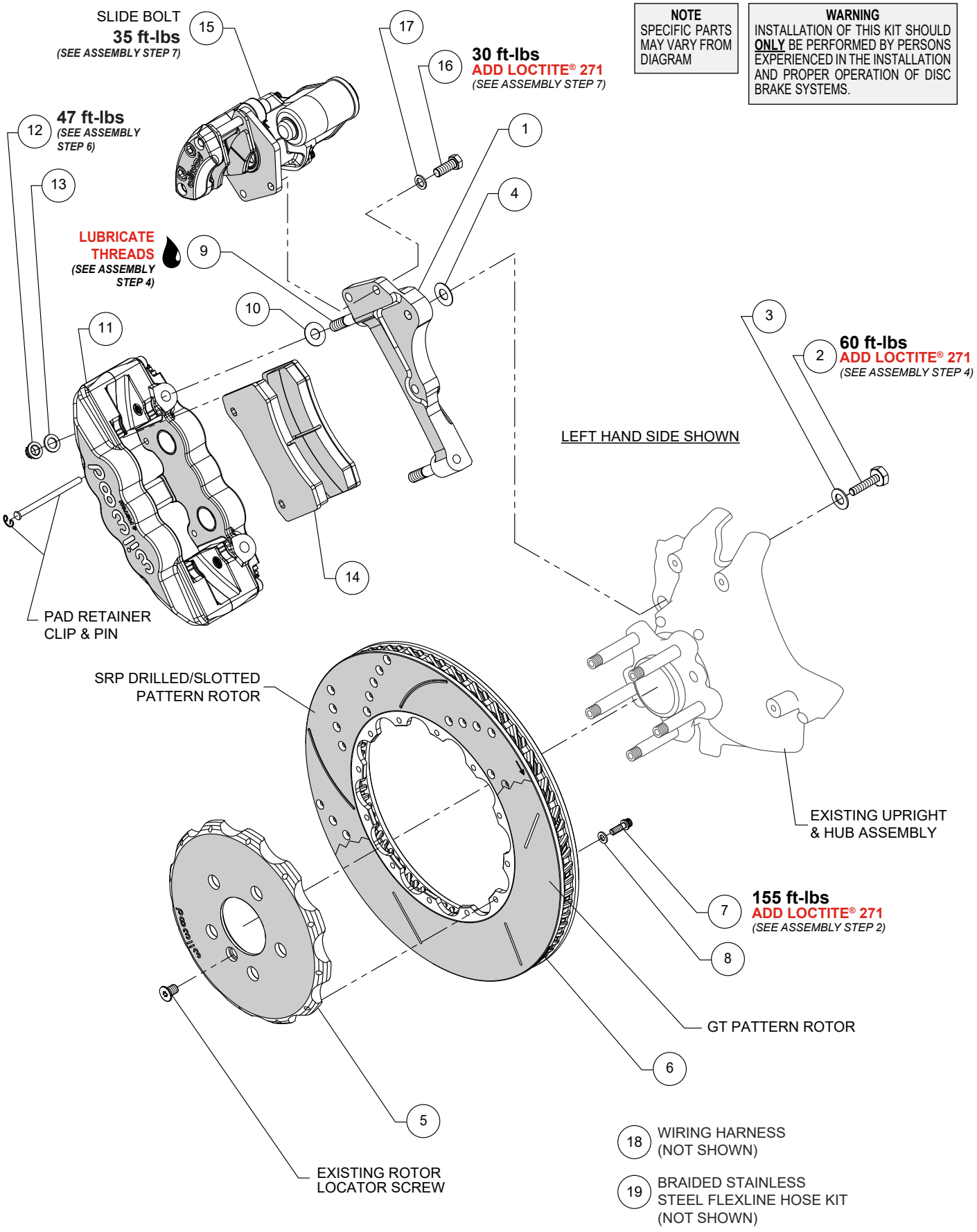

Figure 1A Typical Installation Configuration

Exploded Assembly Diagram

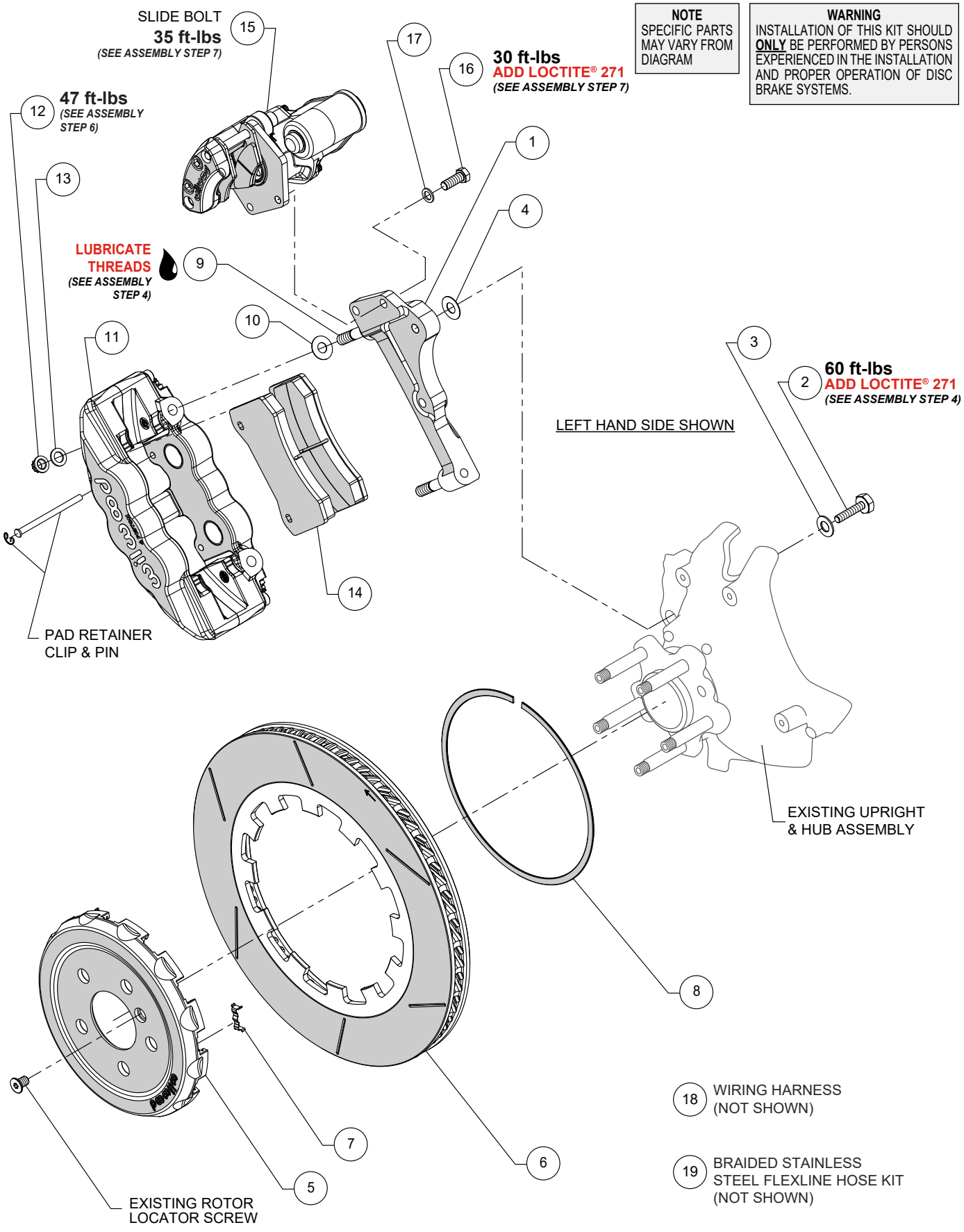

Figure 1B Typical Installation Configuration

Important Notice - Read This First

Before any tear-down or disassembly begins, review the following information:

- **WARNING: Disconnect the battery prior to working on the brake system. Working on the brake system with the battery connected will put the car into "limp" mode which requires the dealer to correct. DO NOT SKIP THIS STEP. Reconnect the battery only after the Wilwood brake kit has been installed and the hydraulic brake system has been bled.**
- **Review and use the Wheel Clearance Diagram on pages 2 and 3 to verify that there is adequate clearance with the wheels you will be using with the installation.**
- **Due to OEM production differences and other variations from vehicle to vehicle, the fastener hardware and other components in this kit may not be suitable for a specific application or vehicle.**
- **It is the responsibility of the purchaser and installer of this kit to verify suitability / fitment of all components and ensure all fasteners and hardware achieve complete and proper engagement. Improper or inadequate engagement can lead to component failure.**

Photographic Tip

Important and highly recommended: Take photos of brake system before disassembly and during the disassembly process. In the event, trouble-shooting photos can be life savers. Many vehicles have undocumented variations, photos will make it much simpler for Wilwood to assist you if you have a problem.

Parts List

ITEM NO.	PART NO.	DESCRIPTION	QTY
1	249-18491/92	Bracket, Caliper Mounting	2
2	230-14914	Bolt, M12-1.75 x 50mm Long, Hex Head	4
3	240-0476	Washer, .477" I.D. x .922" O.D. x .063" Thick	4
4	240-6320	Shim, .033" Thick	12
5	170-18313	Hat, 5 x 4.41mm, .339" Offset	2
5	170-18314	Hat, 5 x 4.41mm, .339" Offset, Snap Ring ***(for 140-18482 only)***	2
6	160-18493/94-GTB	Rotor, 1.10" x 15.00" (one each, right and left)	2
6A	160-18495/96-BK	Rotor, SRP Drilled & Slotted (one each, right & left)	2
6	160-18497/98-GTB	Rotor, Burnished, GT, 1.10" x 15.00" (one each, right and left) ***(for 140-18482 only)***	2
7	230-8037	Bolt, 1/4-20 x .75" Long, Hex Head	12
7	300-11931	Wear Clip, Rotor ***(for 140-18482 only)***	12
8	240-11240	Washer, .265" I.D. x .500" O.D. x .063" Thick	12
8	310-14890	Snap Ring, 8.80" Diameter ***(for 140-18482 only)***	2
9	230-13776	Stud, 7/16-14 x 7/16-20 x 2.875" long (pre installed in bracket)	4
10	240-1848	Shim, .030" Thick	8
11	120-13338-BK	Caliper, Aero4, Black	2
11A	120-13338-RD	Caliper, Aero4, Red	2
11	120-18310	Caliper, Aero4, ST, Ano ***(for 140-18482 only)***	2
12	230-9182	Nut, 7/16-20, Self-Locking, 12 Point	4
13	240-11101	Washer, .453" I.D. x .750" O.D. x .063" Thick	4
14	150-22-10717K	Pad, BP-22 Compound, Axle Set	1
14	150-35-6617K	Pad, BP-35 Compound, Axle Set ***(for 140-18482 only)***	1
15	120-18487/88-BK	Caliper, EPB, Black (one each, right and left)	2
15A	120-18487/88-RD	Caliper, EPB, Red (one each, right and left)	2
15	120-18487/88	Caliper, EPB, Ano (one each, right and left) ***(for 140-18482 only)***	2
16	230-10024	Bolt, 3/8-24 x 1.00" Long, Hex Head	4
17	240-10190	Washer, .391" ID x .625" OD x .063" Thick	4
18	610-18501-2	Wiring Harness	1
19	220-18500	Braided Stainless Steel Flexline Kit	2

NOTES:

Part Number 230-8008 Hat and Rotor Kit, includes part numbers 230-8037 and 240-11240

Part Number 300-14913 Dynamic Mount Snap Ring Kit, includes part numbers 300-11931 and 310-14890 ***(for 140-18482 only)***

Part Number 230-12078 EPB Caliper Mounting Kit, includes part numbers 230-10024 and 240-10190

Part Number 230-17011 Caliper Bracket Mounting Bolt Kit, includes part numbers 230-14914, 230-0476, and 240-6320

Part Number 249-18489/90 Caliper Mounting Kit, includes part numbers 230-9182, 230-13776, 240-1848, 240-11101, 249-18491/92, 250-18489 (not used), and 250-18490 (not used)

Item 6A is an optional item included with the "-D" drilled rotor kits. Add "-D" to end of part number when ordering.

Item 11A and 15A are optional items included with the "-R" red caliper kits. Add "-R" to end of part number when ordering.

General Information

•*Installation of this kit should **ONLY** be performed by persons experienced in the installation and proper operation of disc brake systems. Before assembling this Wilwood disc brake kit, double check the following to ensure a trouble free installation.*

Make sure this is the correct kit to fit the exact make and model year of your vehicle. This rear kit is designed for direct bolt-on installation to 2020 - 2026 Toyta Supra.

Verify that the factory axle hub center register diameter and lug pattern match those in the new hat. ***NOTE:** Axle hubs that have been modified with different size studs or lug patterns may require modifications to the new hat that must be performed by a qualified machinist.*

Verify your wheel clearance using pages 2 and 3.

Inspect the contents of this kit against the parts list to ensure that all components and hardware are included.

Disassembly Instructions

•***WARNING:** Disconnect the battery prior to working on the brake system.* Working on the brake system with the battery connected will put the car into "limp" mode which requires the dealer to correct. **DO NOT SKIP THIS STEP**. Reconnect the battery only after the Wilwood brake kit has been installed and the hydraulic brake system has been bled.

•Disassemble the original equipment rear brakes:

Raise the rear wheels off the ground and support the rear suspension according to the vehicle manufacturer's instructions.

Remove the rear wheels, calipers, rotors, and dust shields.

•Carefully remove and save the pad wear sensor from the brake pad.

•Remove any nicks or burrs on the axle hub and upright that may interfere with the installation of the new brake components.

•Clean and de-grease the axle hub and upright.

Assembly Instructions

NOTE: Numbers in parenthesis refer to the parts list and Figure 1A/B on the preceding pages.

STEP 1 The caliper mount bracket (1) should initially be installed with clean, dry threads on the mounting bolts. Orient the bracket, as shown in Figure 1A/B and Photo 1, and install using bolts (2) and washers (3). Initially place one .033" thick shim (4) on each bolt between the bracket and upright, Figure 1A/B. Temporarily tighten the mounting bolts. ***NOTE:** The bracket must fit squarely against the mount bosses on the upright.* Inspect for interference from casting irregularities, machining ridges, burrs, etc. Later, after the caliper alignment has been checked, the mount bolts will be secured using red *Loctite*® 271.

STEP 2 **For 140-18481:** Orient the hat (5) and the rotor (6) as shown in Figure 1A and Photo 2. Attach rotor to hat using bolts (7) and washers (8). Apply red *Loctite*® 271 to the bolt threads and torque to value shown in Figure 1A using a criss-cross pattern. For an added measure of security, the bolts may be safety wired using standard 0.032 inch diameter stainless steel safety wire as shown in Figure 2. Refer to Wilwood's data sheet DS-386 (available at www.wilwood.com/pdf/DataSheets/ds386.pdf) for complete safety wire installation instructions.

For 140-18482: Insert the dynamic mount wear clips (7) into the slots in the hat (5), Photo 2A and 2B. Orient the rotor (6) as shown in Figure 1B and Photo 2C, with the flush side of mount lugs facing the hat. Secure the rotor to the hat using the snap ring (8) by simultaneously pushing down on the rotor and installing the ring into the groove in the hat, as shown in Photo 2D. **Carefully inspect snap ring to ensure complete engagement in the groove.**

Photo 1

Photo 2

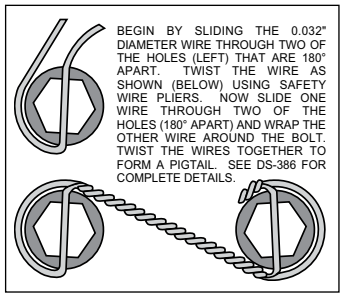

Figure 2. Safety Wire Diagram

Assembly Instructions (Continued)

STEP 3 Slide the hat/rotor assembly onto the axle hub, Photo 3. ***NOTE:*** *The hat must fit flush against the axle hub flange or excessive rotor run out may result.* Install the hat locator screw (OEM), as shown in Figure 1A/B, to keep the hat/rotor assembly in place while continuing with the installation.

STEP 4 ***NOTE:*** *This kit contains distinct right and left hand calipers that must be mounted in a specific direction, as described below.* Lubricate the caliper mounting studs (9) with lightweight oil. Initially place one .030" thick shim (10) on each stud between the caliper and the bracket, as shown in Figure 1A/B and Photo 4. Mount the caliper (11) onto the bracket (1) using lock nuts (12) and washers (13), Figure 1A/B. Temporarily tighten the lock nuts. Ensure that the caliper is mounted so the largest pistons are at the rotor exit end of the caliper, in relation to the forward direction of the rotor. View the rotor through the top opening of the caliper. The rotor should be centered in the caliper, Photo 5. If not, adjust by adding or subtracting shims (4) between the bracket and the upright. Always use the same amount of shims on each of the two mounting bolts. Once the caliper alignment is correct, remove the bracket mounting bolts (2) one at a time, apply red *Loctite*® 271 to the threads, and torque to value shown in Figure 1A/B.

STEP 5 Remove the caliper (11) from the bracket (1), then remove the clips and pad retaining pins from the caliper. Insert the brake pads (14) into the caliper from the bottom side, with the friction material facing the rotor, as shown in Photo 6. Secure the brake pads in place with the pad retaining pins and clips, Figure 1A/B and Photo 7.

For 140-18481: Install saved pad wear sensor into the new brake pad on the inboard (mount) side of the new caliper, Photo 6.

For 140-18482: ***The OEM pad wear sensor is not used with the new Wilwood calipers. To prevent warning messages from displaying, the sensor wire must remain on the vehicle.*** Coil up the wire and securely strap it in an out of the way location, away from any moving or rotating components.

STEP 6 Reinstall the caliper onto the caliper mounting bracket and temporarily tighten the lock nuts (12). Check that the top of the brake pad is flush with the outside diameter of the rotor, Photo 8. If not, adjust by adding or subtracting shims (10) between the caliper and the bracket. After the caliper pad height is set, torque the caliper lock nuts (12) to value shown in Figure 1A/B. Besure the pad wear sensor wire is properly routed and secured away from all rotating components.

STEP 7 ***NOTE:*** *This kit contains distinct right and left hand EPB calipers that must be mounted in a specific direction.* Remove the EPB caliper mounting bracket from the EPB caliper assembly (15) by removing the two slide bolts, see Figure 1A/B and Photo 9 for details. Orient the EPB caliper mount bracket as shown in Photo 9 and attach to caliper mounting bracket (1) using bolts (16) and washers (17). Apply red *Loctite*® 271 to the threads and torque

Photo 2A

Photo 2B

Photo 2C

Photo 2D

Photo 3

Photo 4

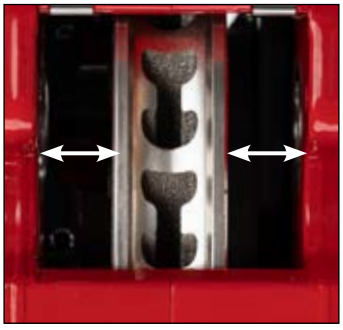

Photo 5

Photo 6

Photo 7

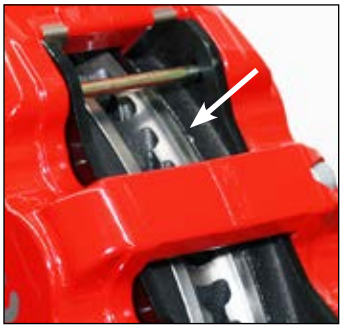

Photo 8

bolts to value indicated in Figure 1A/B. Install the EPB caliper to the mounting bracket using slide bolts (15) with dry threads. Torque slide bolts to value indicated in Figure 1A/B.

STEP 8 Connect OEM electronic parking brake wire harness to Wilwood electronic parking brake using included wiring harness (18), Photo 10. **Ensure wiring is routed to prevent contact with moving suspension, brake or wheel components.**

STEP 9 Temporarily install the wheel and torque the lug nuts to the manufacturer's specification. Ensure that the wheel rotates freely without any interference. Remove wheel for next step.

STEP 10 Attach supplied brake line to caliper. ***NOTE****: OEM rubber brake hoses generally cannot be adapted to Wilwood calipers.* Install Wilwood's stainless steel braided flexline hose kit (19), P/N 220-18500 included with this kit. The caliper inlet fitting is a 1/8-27 NPT. Use the included steel adapter fitting at the caliper (use PTFE tape on the pipe threads of adapter fitting for proper sealing to caliper). Add routing flexline, Photo 11. Reuse existing OEM brake line bracket bolt and mounting location to secure Wilwood flexline bracket. Re-attach OEM sensor wires to Wilwood flexline using zipties (not included). **Ensure hoses are routed to prevent contact with moving suspension, brake or wheel components.**

- ***NOTE:*** *Wilwood hose kits are designed for use in many different vehicle applications and it is the installer's responsibility to properly route and provide adequate clearance and retention for brake hose components.*

- ***NOTE:*** *Specified brake hose kits may not work with all Years, Makes and Models of vehicle that this brake kit is applicable to, due to possible OEM manufacturing changes during a production vehicle's life.*

- ***CAUTION:*** *In absence of specific instructions for brake line routing, the installer must use his best professional judgment on correct routing and retention of lines to ensure safe operation.* It is the installer's responsibility to ensure that all fittings and hoses are the correct size and length, properly seal, and that they will not be subject to crimping, strain and abrasion from vibration or interference with suspension components, brake rotor or wheel.

STEP 11 Bleed the brake system, referring to the '**Additional Information and Recommendations**' on page 8 for proper bleeding instructions. Check system for leaks after bleeding.

STEP 12 Install the wheel and torque the lug nuts to manufacturer's specifications.

- ***CAUTION:*** *Test vehicle brake system per the* ***'Minimum Test Procedure'*** *stated within this document before driving.* After road testing, inspect for leaks and interference. Initially after install and testing, perform frequent checks of the vehicle brake system and lines before driving, to confirm that there is no undue wear or interference not apparent from the initial test. Afterwards, perform periodic inspections for function, leaks and wear in an interval relative to the usage of vehicle.

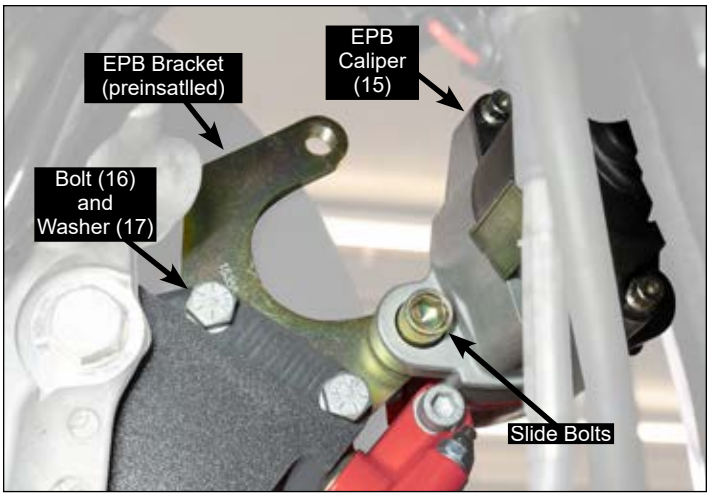

Photo 9
(View from behind axle)

Photo 10

Photo 11

Assembled Kit

STEP 13 Bed-in the brake pads per the procedure on page 11.

Additional Information and Recommendations

•Please read the following concerning balancing the brake bias on 4 wheel disc vehicles.

This Corvette kit can be operated using the stock OEM master cylinder. However, as with most suspension and tire modifications (from OEM specifications), changing the brakes may alter the front to rear brake bias. Rear brakes should not lock up before the front. Brake system evaluation and tests should be performed by persons experienced in the installation and proper operation of brake systems. Evaluation and tests should be performed under controlled conditions. Start by making several stops from low speeds then gradually work up to higher speeds. Always utilize safety restraint systems while operating vehicle.

•For optimum performance, fill and bleed the new system with Wilwood Hi-Temp° 570 grade fluid or EXP 600 Plus. For severe braking or sustained high heat operation, use Wilwood EXP 600 Plus Racing Brake Fluid. Used fluid must be completely flushed from the system to prevent contamination. ***NOTE:*** *Silicone DOT 5 brake fluid is* ***NOT*** *recommended for racing or performance driving*.

•To properly bleed the brake system, begin with the caliper farthest from the master cylinder. Bleed the outboard bleed screw first, then the inboard. Repeat the procedure until all calipers in the system are bled, ending with the caliper closest to the master cylinder. ***NOTE:*** *When using a new master cylinder, it is important to bench bleed the master cylinder first.*

•Test the brake pedal. It should be firm, not spongy and stop at least 1 inch from the floor under heavy load.

If the brake pedal is spongy, bleed the system again.

If the brake pedal is initially firm, but then sinks to the floor, check the system for fluid leaks. Correct the leaks (if applicable) and then bleed the system again.

If the brake pedal goes to the floor and continued bleeding of the system does not correct the problem, a master cylinder with increased capacity (larger bore diameter) may be required. Wilwood offers various lightweight master cylinders with large fluid displacement capacities.

•***NOTE:*** *With the installation of after market disc brakes, the wheel track may change depending on the application.* Check your wheel offset before final assembly.

•If after following the instructions, you still have difficulty in assembling or bleeding your Wilwood disc brakes, consult your local chassis builder, or retailer where the kit was purchased for further assistance.

Brake Testing

WARNING • DO NOT DRIVE ON UNTESTED BRAKES
BRAKES MUST BE TESTED AFTER INSTALLATION OR MAINTENANCE
<u>MINIMUM TEST PROCEDURE</u>

- Make sure pedal is firm: Hold firm pressure on pedal for several minutes, it should remain in position without sinking. If pedal sinks toward floor, check system for fluid leaks. DO NOT drive vehicle if pedal does not stay firm or can be pushed to the floor with normal pressure.
- At very low speed (2-5 mph) apply brakes hard several times while turning steering from full left to full right, repeat several times. Remove the wheels and check that components are not touching, rubbing, or leaking.
- Carefully examine all brake components, brake lines, and fittings for leaks and interference.
- Make sure there is no interference with wheels or suspension components.
- Drive vehicle at low speed (15-20 mph) making moderate and hard stops. Brakes should feel normal and positive. Again check for leaks and interference.
- Always test vehicle in a safe place where there is no danger to (or from) other people or vehicles.
- Always wear seat belts and make use of all safety equipment.

Pad and Rotor Bedding

BEDDING STEPS FOR NEW PADS AND ROTORS – ALL COMPOUNDS

Once the brake system has been tested and determined safe to operate the vehicle, follow these steps for the bedding of all new pad materials and rotors. These procedures should only be performed on a race track, or other safe location where you can safely and legally obtain speeds up to 65 MPH, while also being able to rapidly decelerate.

- •Begin with a series of light decelerations to gradually build some heat in the brakes. Use an on-and-off the pedal technique by applying the brakes for 3-5 seconds, and then allow them to fully release for a period roughly twice as long as the deceleration cycle. If you use a 5 count during the deceleration interval, use a 10 count during the release to allow the heat to sink into the pads and rotors.
- •After several cycles of light stops to begin warming the brakes, proceed with a series of medium to firm deceleration stops to continue raising the temperature level in the brakes.
- •Finish the bedding cycle with a series of 8-10 hard decelerations from 55-65 MPH down to 25 MPH while allowing a proportionate release and heat-sinking interval between each stop. The pads should now be providing positive and consistent response.
- •If any amount of brake fade is observed during the bed-in cycle, immediately begin the cool down cycle.
- •Drive at a moderate cruising speed, with the least amount of brake contact possible, until most of the heat has dissipated from the brakes. Avoid sitting stopped with the brake pedal depressed to hold the car in place during this time. Park the vehicle and allow the brakes to cool to ambient air temperature.

COMPETITION VEHICLES

- •If your race car is equipped with brake cooling ducts, blocking them will allow the pads and rotors to warm up quicker and speed up the bedding process.
- •Temperature indicating paint on the rotor and pad edges can provide valuable data regarding observed temperatures during the bedding process and subsequent on-track sessions. This information can be highly beneficial when evaluating pad compounds and cooling efficiencies.

POST-BEDDING INSPECTION – ALL VEHICLES

- •After the bedding cycle, the rotors should exhibit a uniformly burnished finish across the entire contact face. Any surface irregularities that appear as smearing or splotching on the rotor faces can be an indication that the brakes were brought up to temperature too quickly during the bedding cycle. If the smear doesn't blend away after the next run-in cycle, or if chatter under braking results, sanding or resurfacing the rotors will be required to restore a uniform surface for pad contact.

PRE-RACE WARM UP

- •Always make every effort to get heat into the brakes prior to each event. Use an on-and-off the pedal practice to warm the brakes during the trip to the staging zone, during parade laps before the flag drops, and every other opportunity in an effort to build heat in the pads and rotors. This will help to ensure best consistency, performance, and durability from your brakes.

DYNO BEDDED COMPETITION PADS AND ROTORS

- •Getting track time for a proper pad and rotor bedding session can be difficult. Wilwood offers factory dyno-bedded pads and rotors on many of our popular competition pads and ***Spec 37*** GT series rotors. Dyno-bedded parts are ready to race on their first warm up cycle. This can save valuable time and effort when on-track time is either too valuable or not available at all, Dyno-bedding assures that your pads and rotors have been properly run-in and are ready to go. Contact your dealer or the factory for more information on Wilwood Dyno-Bedding services.

NOTE: *NEVER allow the contact surfaces of the pads or rotors to be contaminated with brake fluid. Always use a catch bottle with a hose to prevent fluid spill during all brake bleeding procedures.*

Parking Brake

WARNING • PARKING BRAKE

- Parking brake must be properly adjusted before use and must be manually readjusted for wear if parking brake handle or foot lever travel becomes excessive.
- The holding ability of the brake should be tested by stopping on a sloping surface and applying the parking brake while holding car with the hydraulic foot brake. This should be accomplished both facing up and down hill.
- Do not rely exclusively on the parking brake to hold the car; Curb wheels as recommended by the applicable diagram and put gear selector in park, or shift into first gear or reverse with a manual transmission.

- Diagram A - When parking facing downhill, turn front wheels towards the curb or right shoulder. This will keep from rolling into traffic if the brakes become disengaged.
- Diagram B - Turn the steering wheel to the left so the wheels are turned towards the road if you are facing uphill with a curb. The tires will catch the curb if the car rolls backward.
- Diagram C - When facing uphill without a curb, turn the wheels sharply to the right. If the vehicle rolls, it will go off the road rather than into traffic.
- When parking on a hill, always set the parking brake and move the gear selector into park, or shift into first or reverse gear if your vehicle has a manual transmission.

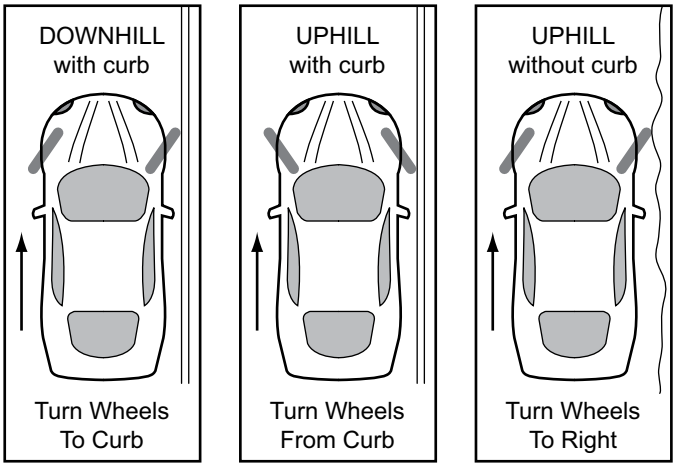

Diagram A Diagram B Diagram C

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