

**INSTALLATION INSTRUCTIONS
FOR
REVERSE MOUNT
DUAL PEDAL ASSEMBLY**

PART NUMBER
340-11299

**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.



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.

General Information and Assembly Instructions

Installation of this component should **ONLY** be performed by persons experienced in the installation and proper operation of disc brake systems. Before assembly begins, familiarize yourself with the following procedure to ensure a trouble-free installation.

Features:

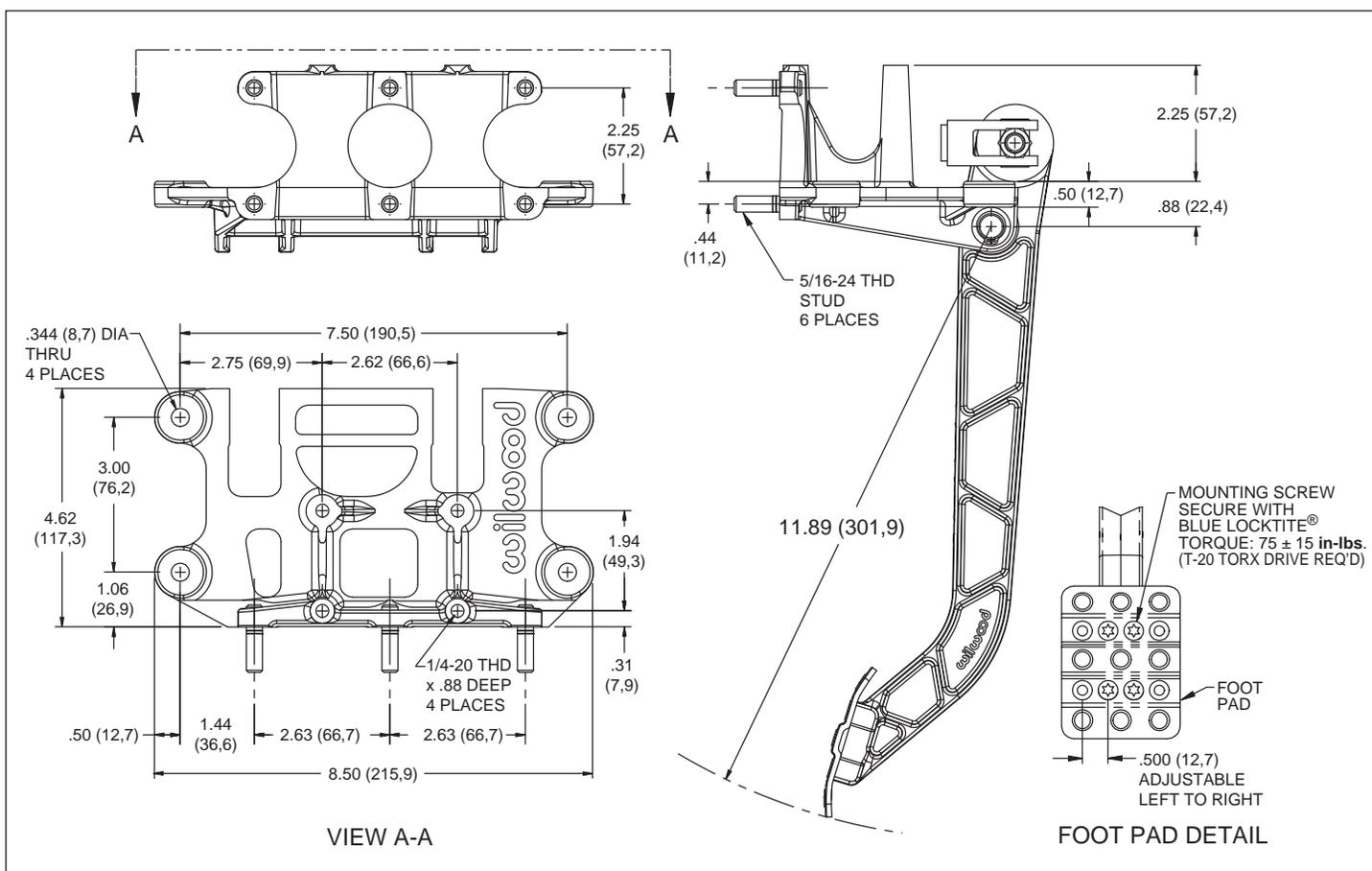
- Adjustable pedal foot pads
- Lightweight construction.
- High strength computer design.
- Includes brake balance bar and clevis.
- Brake and clutch pedals have 6.25:1 ratio.
- High strength steel master cylinder mounting studs.
- Easy mounting location.
- Stainless steel foot pads.
- Wilwood's own Platinum-E coat finish.
- Finest quality hardware.
- Keeps master cylinder away from heat source.
- Use with Wilwood compact, high volume, or combination master cylinders.

Pedal Shown with Optional Master Cylinders



Installation Instructions:

- Wilwood's reverse mount dual pedal assembly can be mounted in two methods: (1) Using the four outboard tab mounting holes, attach the pedal assembly to two sturdy beams or plates with four 5/16 inch bolts. (2) Utilize the four 1/4-20 top mount standoffs in addition to two or four 5/16 inch outboard tab mounts. **DO NOT** use the four top mount standoffs by themselves. Pedal assembly must be rigidly attached to frame and not deflect under heavy pedal forces. **NOTE:** Pedals must be free from obstructions over their entire range of motion. Allow enough space so balance bar adjustments can be made and master cylinders are accessible.



Reverse Mount Dual Pedal Assembly, Physical Dimensions (P/N 340-11299)

Additional Information and Recommendations

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- The pedal assembly uses standard racing master cylinder mounting patterns. Wilwood's compact, high volume, and combination remote master cylinders mount directly to the pedal assembly, as do most other high performance master cylinders. All master cylinder mounting hardware is included with the pedal assembly. Master cylinder flange should mount flush to pedal assembly and be held in place with enclosed washers and locknuts. The clevis on each pedal has a 5/16-24 thread. Make sure to use a jam nut on the master cylinder pushrod when threaded into clevis and check that pushrod is allowed to fully retract when pedal is released.
- Wilwood Hi-Temp[®] 570 Racing Brake Fluid (6 pack P/N 290-2210) is recommended for race cars and high performance vehicles where brake temperatures exceed normal operating conditions, or use Wilwood EXP 600 Plus Super Hi-Temp (6 pack P/N 290-8478) for extreme conditions. **NOTE:** *Silicone DOT 5 brake fluid is NOT recommended for racing or performance driving.*
- Adjust the balance bar so that the appropriate front to rear brake balance is achieved, reference our data sheet DS-252 (available at www.wilwood.com/pdf/ds252.pdf).
- If after following the instructions, you still have difficulty in assembling your Wilwood reverse mount dual pedal assembly, consult your local chassis builder, or retailer where the component was purchased for further assistance.

Brake Testing and Pad Bedding

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

- 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 BEDDING PROCEDURE:

- Pump brakes at low speed to assure proper operation. On the race track, or other safe location, make a series of hard stops until some brake fade is experienced. Allow brakes to cool while driving at moderate speed to avoid use of the brakes. This process will properly burnish the brake pads, offering maximum performance.