



9" Ford Housing & Axle Ordering Defined

1250 E. Piper Ct. Meridian, Idaho 83642

Phone: 503.257.6604 Fax 503.253.6564

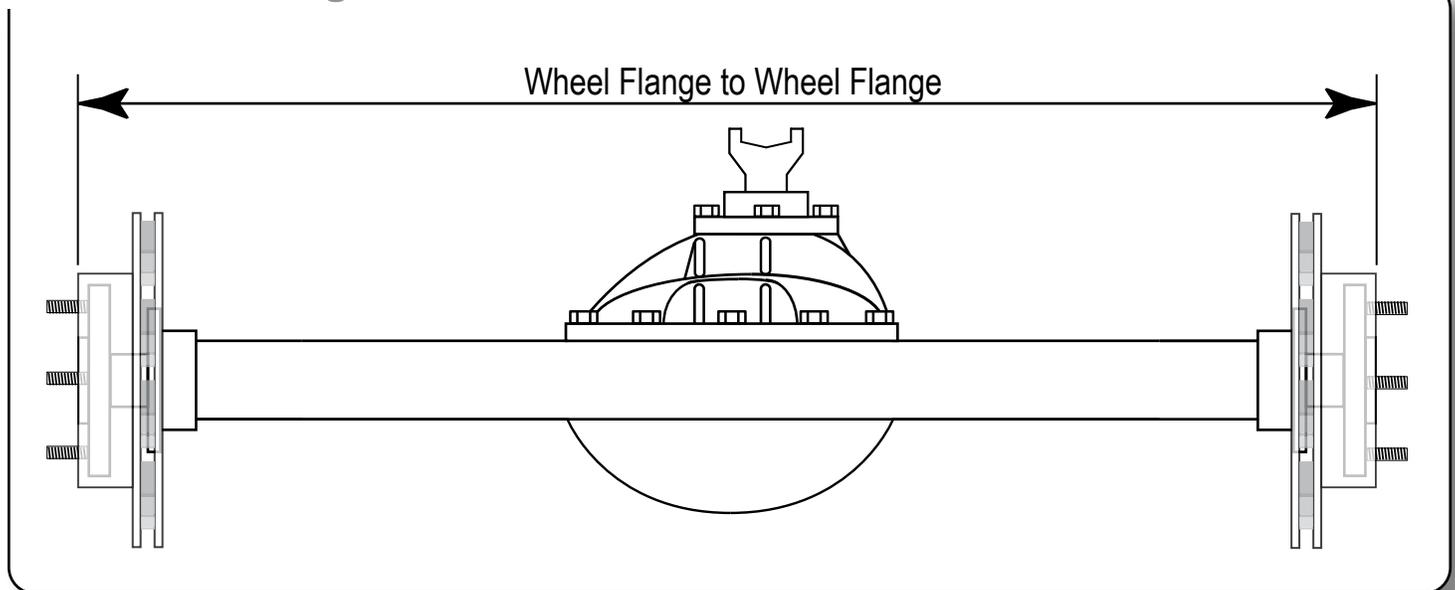
Desired Width: [Wheel mounting face to face]

This should be measured with a tape measure, taking care not to bend it by using a ruler or straight edge on the faces of the drums or rotors to be accurate. This is if you are replacing an existing rear end and know the width is correct for the build. If a narrower rear end is desired, simply subtract the amount desired from the measurement.

Another way to obtain this dimension is by mocking up the wheels and tires under the fenders and measuring from wheel mounting face to face [the face that contacts the drums or rotors]. Make sure to allow enough clearance to any interference point, ie. Fender lips, frame rails, housing brackets, etc...Avoid measuring at an angle and/or bending the tape over anything, which will give you a longer measurement.

Note; In some cases, Dutchman technicians know the width of certain vehicle rear ends. It's still a good idea to double check our "book" measurements with your wheel and tire combination just to make sure, as all custom made to order rear ends are NOT returnable and any alterations will be charged to the customer.

Width Measuring



Pinion or Housing placement:

In most case's, a centered pinion [driveline] is what Dutchman defaults to even though many factory rear ends didn't have centered pinions.

The only reason for shifting the pinion [driveline] to the right or left is if;

- (1) your vehicle has an offset tunnel where the driveline runs through, or
- (2) your vehicle has an offset tranny or transfer case.

Centering the housing [looking at the back of the rear end] would be selected ONLY if the rear end shows from the back and a symmetrical look is desired. Note; On a 9 inch Ford, a centered housing [equal length tubes] gives a pinion offset of 1 inch to the right [passenger side].



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Bolt Pattern(s): [Wheel pattern]

This should be measured with a tape measure; even lug bolt patterns can be center to center, but odd lug bolt patterns need to be OUTSIDE of one to center of the 2nd one across (see illustrations).

Optional Access Holes: [Machined in the axle flange]

This depends on two things;

- (1) the brake kit you plan on using, as some brake kits require the access holes or you won't be able to assemble the rear end, and
- (2) on brake kits that don't require the access holes, whether you want the convenience of using a socket and extension to bolt the axle to the housing instead of a box or open end wrench. See pic.

NOTE: Aftermarket kits that require the access holes; -Wilwood, Ford Explorer, or any disc kit that has the "Drum type" internal park brake assembly.

Studs: [Wheel studs]

7/16" or 1/2" press-in style studs have knurls under the head and press in from the back side of the axle flange. These are similar to what OE axle shafts used.

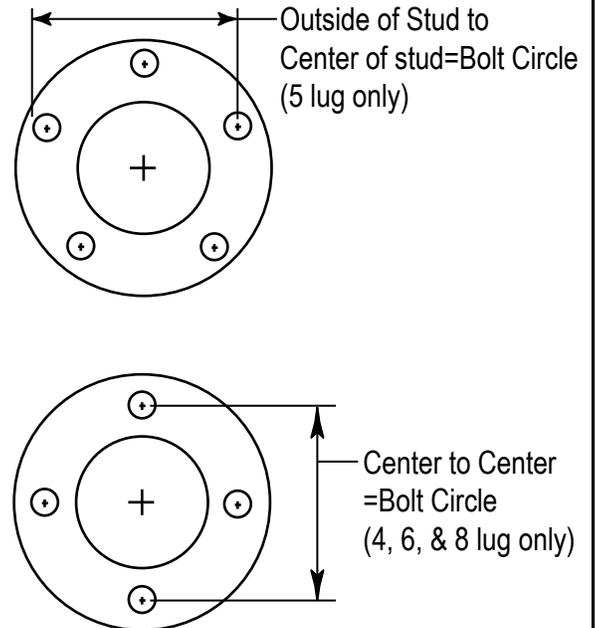
NOTE: IF you are providing your own press in studs, the knurl diameter is required.

1/2" by 2" or 3" long screw-in style studs are threaded the entire length of the stud [under the head] and screw in from the back side of the axle shaft. The 3" long version is typically used on drag cars that require the threads showing past the lug nuts.

NOTE: Using an impact wrench on screw in studs should be avoided, as this can back the stud out of the axle flange.

5/8" Monster studs are the XHD drag race style drive studs. They thread in from the front side of the axle shaft and use a jamb nut on the back side of the flange for added stud retention & security. Typically used on big bad drag cars.

Bolt Pattern Measuring





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Brake kit info: [If Dutchman is supplying]

If you are purchasing the brake kit from Dutchman, there is no need to provide any brake kit specifications, we have them on file. Simply make your selection and we'll do the rest. If purchasing the brake kit from us at a later date, we will need to know which kit selection for the specs. List your selection/options in the brake kit section and list it as a future purchase.

Brake kit info: [If you are supplying your own]

If you are supplying your own brake kit, check with us to see if we have the specs on file. If we don't, we will need the brand, part # if known, the brake offset/standoff, flange OD, pilot size, and the housing end it's designed to fit - see our reference chart on the last page.

An example of this would be:

Wilwood, #140-7140, 2 1/2" offset, 6 3/4" flange OD, 3.062 pilot, Housing end: Big bearing-new style.

Install a Drain:

Whether you want a drain depends on whether or not you want to service the rear end [change the oil] at a later date the easier way. If no drain is installed, changing the oil amounts to removing the axles and 3rd member or removing the oil by suction out of the filler hole on the left side of the 3rd member case.

Install a Filler:

Most 3rd members have a filler hole on the left side of the case.

The econo filler is a basic type of threaded bung and socket style plug. The deluxe filler is a weld on steel bung that sticks up off the housing approx. 3/4" and a knurled aluminum knob style plug.





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Brackets:

Loose brackets=bracket that are NOT installed that you want supplied by us.

Installed brackets=brackets that are welded on the housing per your specifications, or full circle brackets-which can be slide on the tubes for future welding.

Back Brace:

Installing a back brace is usually reserved for Hi-Performance race cars that require a reinforced housing or those wanting the performance look of a braced housing. If unsure whether it is needed, contact a Dutchman sales tech for a determination.

3rd member info:

If you are ordering the 3rd member from us, the selections are based on the use and abuse of the build, as well as the desired traction choice. The "Street" level is good for non to mild performance builds, the "Street Plus" is good for mild to medium builds, and the "Pro Street" for medium to Hi performance builds. The "Full Race" is for race/track only builds.

IF ordering online, the 3rd member will be a separate product selection - see that section on our website for levels and choices. The desired build info will be listed once added to your cart.

If you're purchasing a 3rd member from us at a later date, list the number of splines and differential or spool selection you'll be selecting.

If you're supplying your own 3rd member, list the number of splines and the type of differential or spool you will be using. If using an aftermarket carrier or full spool, list the manufacturer (as some use different pressure angles for their splines as well as slightly different end of spline dimensions).

Notes:

The notes section is for anything NOT covered in the above selections. It should not be used for questions-those should be answered by phone or email BEFORE submitting your order.

Brackets Installed



Brackets Loose





Housing End Identifier

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