

REAR DIFF ASSEMBLY- General Part Guidelines - MATT 120823

[link loop to zoho](#)

[link to sales issues and tips doc](#)

GENERAL PART NOTES -Understand which diff type

Rear differential come in 3 main types and first need to understand which differential type means what

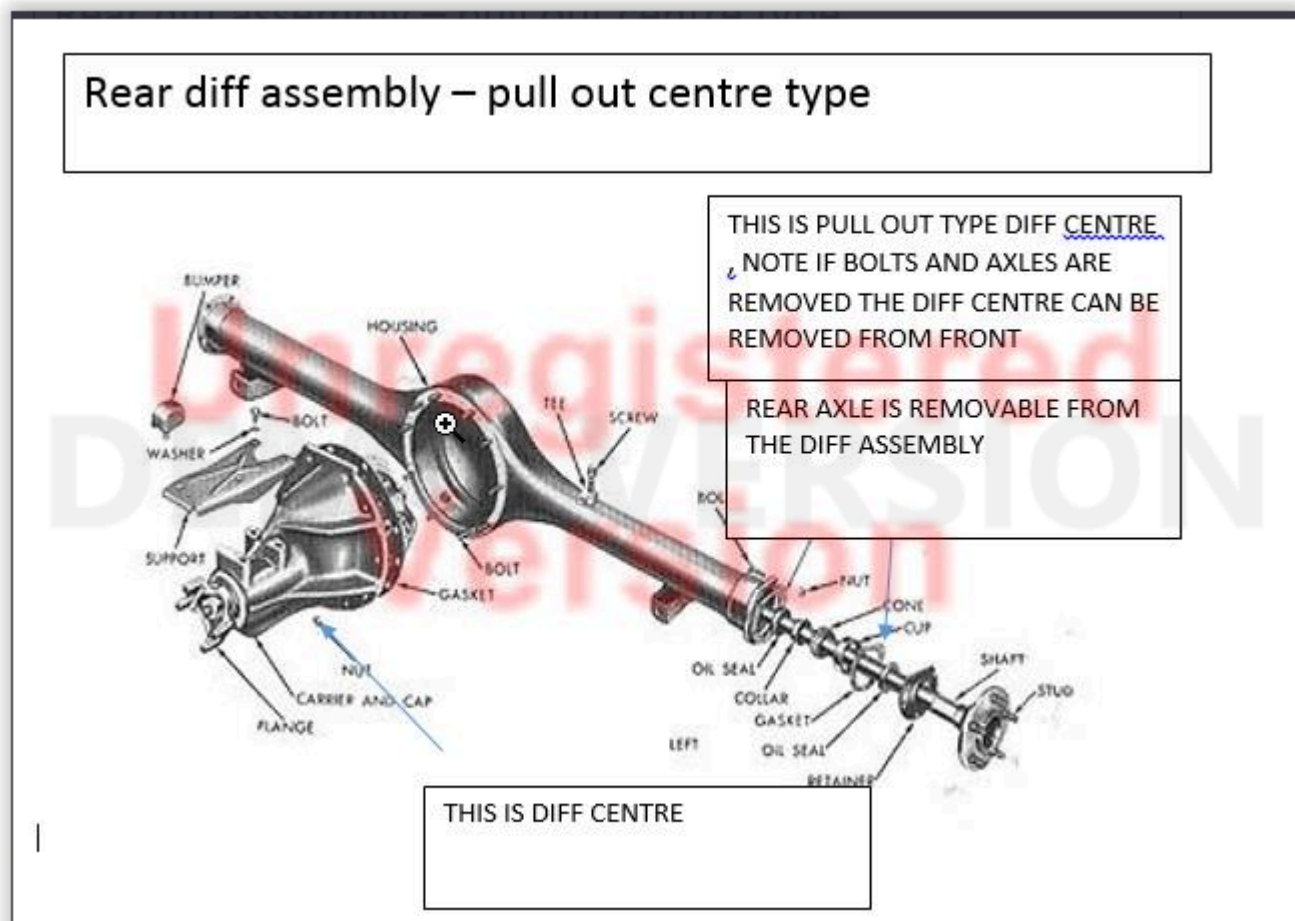
1.PULL OUT CENTRE TYPE OF REAR DIFFERENTIAL ASSY

Pull out center type of rear diff assembly is made up of sub assembly items of diff housing , diff center and axles (LH and RH) see image below .

Sometimes customer may think they require complete rear diff assembly if they have diff noise but often they simply require rear diff center, the issue these items have is that gear teeth wear on the diff centre

When we have this type of car with pull out diff center type diff we might inventory the complete diff assy and have the diff center and diff axles as a sub assembly item , or we might decide to input the rear diff center only

If we have interchange option for rear diff center and diff assembly then this car model is rear pull out diff center type



2.REAR DIFF ASSEMBLY - NON PULL OUT DIFF CENTRE TYPE

Some diff assembly is non pull out diff center, this is always sold as complete differential assy most cars are pull out center type

In the case of non pull out diff centre type we will always input and sell as complete diff assembly
In the case where diff centre is pull out type , if we input the diff centre as separate item then we WONT input diff as diff assembly (we do this to save confusion)

REAR DIFF ASSEMBLY –NON PULL OUT CENTRE TYPE

Note the diff doesn't have bolts at front centre of diff so that the diff centre can be pulled out .it will have bolts at back for diff inspection, gears removal but the complete centre cannot be swapped



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3.REAR DIFF ASSY- IRS TYPE

Note also some cars have a rear diff center and then 2 separate axles with no diff housing, this is called an "independent rear suspension.(IRS) " (see image below)
the way to tell the difference between this and rear diff assembly is whether car has rear diff housing that diff center and axles sit inside

These type of diff some customer call it a rear diff assembly but we consider it a diff center with axles so we input the rear diff center only , we don't at all input under rear diff assy

REAR DIFF – IRS TYPE

These have separate axles that can be removed

These are input as Rear diff centre not diff assembly

IRS stands for independent rear suspension



AXLES SHOWN HERE

Components that will always be included with this item(if they are not with Part or damaged, it should be noted in description)

diff housing , axles , diff centre

Components may be available at no charge i.e usually just left on Part but not charged extra for (if buyer requests these items make sure to confirm with operations that they are with the Part)

brakes, discs/drums

Components not included usually but which maybe included at extra charge i.e not usually with part but we will have if required (if buyer requests these items make sure to confirm with operations that they are with the part)

Bolts

INTERCHANGE/ OEM -TIPS/GUIDES - FOR THIS PART TYPE

[Link to guide doc for ic guidelines for rear diff assy](#)

SALES -THINGS TO NOTE/UNDERSTAND

Confirm ration is same ,this can often be found on ID plate which shows diff ratio

If we dont have diff assembly in stock ,we may still be able to make up the assembly by selling the housing , axles and diff centre as required

When we vin verify differential assy we would have to match

Diff centre - ratio maybe different

Diff housing - often different housing if car 2wd or 4wd or with /without abs

Axles - maybe different types

PRICING -THINGS TO NOTE

BUYING (JJ) THINGS TO NOTE

CAR ENTRY NOTES , (when inputting) IN PINNACLE

[LINK TO GUIDE DOC](#)

DISMANTLING NOTES (JJ) –

Note if assembly or parts only are required

INVENTORY PART INSPECTION NOTES, (when inputting) (JJ)

Check ratios

If we are seperately inputting the diff center or axles then we wont input the diff assembly

**IF Diff is Salisbury type (diff centre cant unbolt out front)
then we dont seperatly input the diff center or axles**

GUIDE FOR TAKING IMAGES OF THIS PART(what to show) (JJ)

show complete diff

DISPATCH (JJ) THINGS TO NOTE

If sending on **NON** point to point carrier then must make sure to use largest pallet so diff assembly doesnt over hang as per image below

