

SPICER®



HX0450-112023
November 2023

Guide

Supersedes HX0450-112019
Released 2019

Spicer® Commercial Vehicle **Ratio Flexibility** Program Guide

Don't let the wrong ratio stall your stock truck sale. The Spicer Ratio Flexibility program helps you close sales of stock vehicles that might otherwise be at risk because the axle ratios in those vehicles do not meet the customer's requirements. You'll save the time and expense associated with disassembly by substituting complete head assemblies.



Product Information: **SpicerParts.com** | E-Catalog and parts locator: **DanaAftermarket.com**

OPEN YOUR BROWSER. CLOSE THE SALE.

Spicer® Ratio Flexibility Program

DON'T LET THE WRONG RATIO STALL YOUR STOCK TRUCK SALE.

The Spicer Ratio Flexibility program helps you close sales of stock vehicles that might otherwise be at risk because the axle ratios in those vehicles do not meet the customer's requirements. You'll save the time and expense associated with disassembly by substituting complete head assemblies. Plus, you can satisfy customer ratio requirements without jeopardizing warranty coverage due to internal gearing replacement.

Stock vehicles that have never been licensed and are equipped with Spicer axles as original equipment are eligible.

Visit SpicerParts.com/ratioflex today!



SpicerParts.com or for our e-catalog, DanaAftermarket.com
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Genuine Spicer® Ratio Flexibility Program Guide

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ELIGIBLE CARRIER LISTINGS - SINGLE DRIVE AXLES

- S130, S130L, S130L ABS
- S130FR, S130FLR
- S140
- 21060S BC, 21060S PB, 21060S NS, 21060D PB
- P20060R, P20060DR
- S172/D
- S190R, S190D
- S190DR, S190NS

ELIGIBLE CARRIER LISTINGS - TANDEM DRIVE AXLES

- DSP40P
- RSP40
- DDP40
- DDP40P
- RDP40, DSH40
- DSH40P, RSH40, DDH40
- DDH40P, RDH40, RSH44 NS
- D155, R155
- D156, R156
- D170, D170P
- D170D, D170DP
- D190P
- D172, R172
- R190, D190DP
- R190D

Processing Genuine Spicer® Ratio Flexibility Program Requests

Visit SpicerParts.com/RatioFlex, complete and submit the Ratio Flex application/order form. Refer to the chart below to see the qualifying models and upgrade options.

Model Ratio		Upgrade Options		
Single Models	Ratios	Limited-Slip	No- Spin	Diff. Lock
S130	4.30 - 5.57	yes	n/a	n/a
S140	4.30 - 5.57	yes	n/a	n/a
21060S/D	3.70 - 6.17	n/a	yes	n/a
22060S/D	3.70 - 6.17	n/a	yes	n/a
P20060S/D	3.70 - 6.17	n/a	yes	n/a
P21060S/D	3.70 - 6.17	n/a	yes	n/a
P22060S/D	3.70 - 6.17	n/a	yes	n/a
23060S/H	3.70 - 6.17	n/a	yes	n/a
S172S/D	3.07 - 5.57	n/a	n/a	yes
S175S/D	1.95 - 3.42	n/a	n/a	yes
S190S/D	3.42 - 5.57	n/a	yes	yes

Model Ratio		Upgrade Options		
Tandem Models	Ratios	Limited-Slip	No- Spin	Diff. Lock
DSP/RSP40/41	3.08 - 4.88	yes	yes	yes
DSH/RSH40/41	3.08 - 4.88	yes	yes	yes
D/R155	2.26 - 2.79	n/a	n/a	yes
D/R156	2.79 - 3.91	n/a	n/a	yes
D170	3.07 - 5.57	n/a	n/a	yes
D/R172	3.07 - 5.57	n/a	n/a	yes
D/R190	3.42 - 5.57	Std	yes	yes

- **Differential lock upgrade may not be available on all models due to housing configuration. Please contact Dana Aftermarket Group for specific upgrade options by model*
- *Any ratio flex request for RATIOS that fall outside the approved ratios listed in the chart must be pre-approved and could be subject to additional fees as quoted out by Dana Aftermarket Group.*

We appreciate your business! For more information about the Spicer Ratio Flexibility Program, visit SpicerParts.com/RatioFlex or contact your Spicer Sales Representative.

Ratio Flexibility Program Guidelines and Instructions

1. OE Dealers go to the Spicer website listed below to submit a request.

SpicerParts.com/RatioFlex

2. Select Ratio Flex "Order Form" button and the On Line Request Form will populate with the required fields to be filled in. A valid e-mail address is required as this is the preferred means for communication of the request. Enter the required information and click the Submit button to send Dana your request. **See Note 1 below.**
3. Dana Aftermarket Group will receive your request and process it immediately. Processing request time can vary depending on volumes and the complexity of each individual request. Dana is committed to having request quotes for ratio flex orders back within 24 hours after a request is made.
4. OE Dealers will be sent an electronic quote response back for each request. The Ratio Flex quote form will include all applicable administration fees and the carrier cost for that Ratio Flex request. Each approved request will also include a return goods authorization (RGA) form. A unique RGA number is assigned with further instructions for the dealer. The dealer is required to pay for the administration fees as quoted.
5. The Dealer should contact Dana Aftermarket Group customer service at 1-877-777-5360 (option 2) to place their order.
They must have the following information on-hand to process their ratio flex request.
 - The unique RGA number from Ratio Flex quote
 - A Valid Credit Card or Purchase Order
 - Carrier Shipping Instructions or name of Freight Carriers

IMPORTANT

- Please have the RGA number available when contacting Dana regarding your Ratio Flex request or for any other related questions. Not having this number will only delay the response time.
6. A Dana customer service rep will process and complete the Ratio Flex order and will give the calling OE Dealer a confirmation number.
 7. The order for carriers will be placed immediately by Dana. **Shipments of carriers are sent FREIGHT COLLECT.** Shipping times for replacement carriers can vary depending on number of carriers involved or model options selected.

NOTE

- Dana will process orders and request shipping of replacement product within 10 business days. While the intent is to ship product before the 10 days, it does not constitute a guarantee shipping date.
8. The Dealer will be sent a complete invoice for the admin fees and new carriers by Dana after they ship out. **Once the original carriers are returned back to Dana in like new condition, the invoice amount** for the carriers will be credited back in full. **See Note 2 below.**

9. Upon receiving the new carriers, **the Dealer must ship the original take out carriers back to Dana within 30 days as instructed on the original request quote.** The RGA form will contain detailed carrier return instructions and shipping return address.

10. Upon receipt and inspection of the original carriers by Dana, full credit will be issued for the invoice amount of the carriers less any repairs required to the original carrier(s).

NOTE

- If carriers are not returned back to Dana within the 30 days a, \$100.00 penalty will be charged to the dealer's account. Payment is expected for the full invoiced amount of the carriers. The shipping return addresses are shown below.

ALL SHIPPING RETURNS FOR U.S.

C/O DANA AFTERMARKET GROUP
5714 West Raymond St
Indianapolis, IN 46241
ATTN: RATIO FLEX
RGA#

ALL SHIPPING RETURNS FOR CANADA

*For dealer locations in Ontario,
Quebec, New Brunswick, Nova
Scotia, Prince Edward Island &
Newfoundland & Labrador*

C/O Dana Aftermarket Group
3833 Nashua Dr,
Mississauga ON L4V 1R3
RGA#

*For dealer locations in Manitoba,
Saskatchewan, Alberta & British
Columbia*

C/O Dana Aftermarket Group
11523 186 St NW,
Edmonton, AB T5S 2W6
RGA#

NOTE

- For Ratio Flex carrier returns in Canada, freight forwarders must contact Nimble Transport at (416) 233-1522 to schedule deliveries.

FOR QUESTIONS REGARDING DANA AXLES - CONTACT:

- Dana Aftermarket Group
(877) 777-5360 Fax (888) 886-6021

NOTE 1

- The dealer will receive a system generated e-mail confirmation for the data they entered pertaining to their request. If data is incorrect, contact DAG at 1-877-777-5360, option 1.

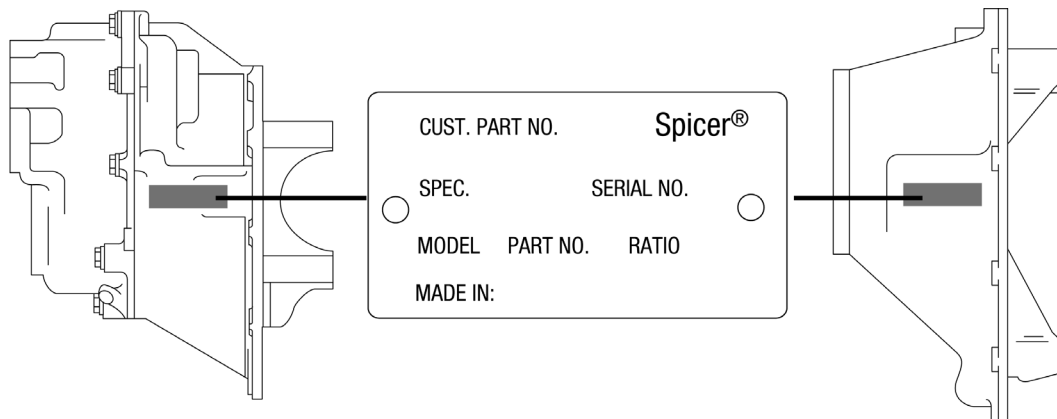
NOTE 2

- The dealer is only responsible to pay for all admin fees or late charges on invoices.

Identification of Axle Models

LOCATING MODEL DESIGNATION INFORMATION

- Axle Model Identification, Part Number and Serial Number are located on a tag at the axle centerline. This information will help you navigate this guide and identify the correct parts for servicing.



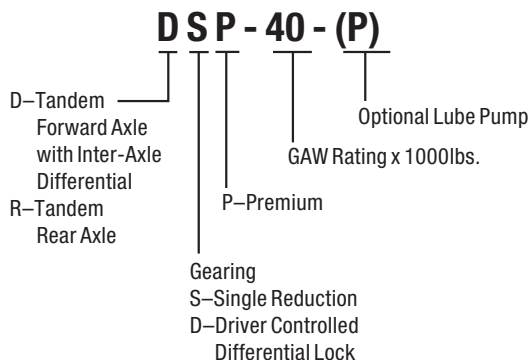
NOTE

- This is the serial number of the carrier assembly assigned by the manufacturing plant. This number will be ten (10) characters in length: Two (2) alpha characters for the plant code and eight (8) numbers.

PLANT CODE: HN - HENDERSON, KY
MY - MONTERREY, MX

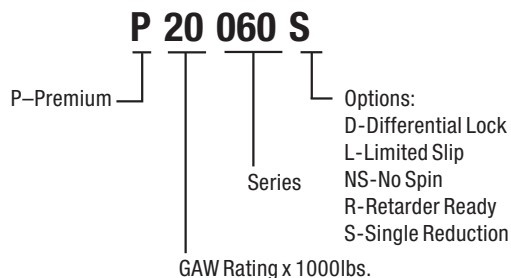
USING MODEL DESIGNATION TO IDENTIFY AXLE COMPONENTS

- The Axle Model Identification number contains information that is important when purchasing service parts or new components, including vehicle, capacity and application information and model features. Use this guideline to understand your Axle Model Identification. If you need assistance, contact your Dana representative.



FOR CARRIERS THAT HAVE A MISSING TAG, LOOK FOR ANY OF THE FOLLOWING:

- Casting Number
- Ring Gear Number
- Pinion Number
- Input Case Number
- Input Shaft Number
- Call our core management line at 800-621-8084 for identification assistance



[illegible]

Product Information: **SpicerParts.com** | E-Catalog and parts locator: **DanaAftermarket.com**

Dana Aftermarket Group

PO Box 1000 Maumee, Ohio 43537

Warehouse Distributors: 1.800.621.8084

OE Dealers: 1.877.777.5360

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