

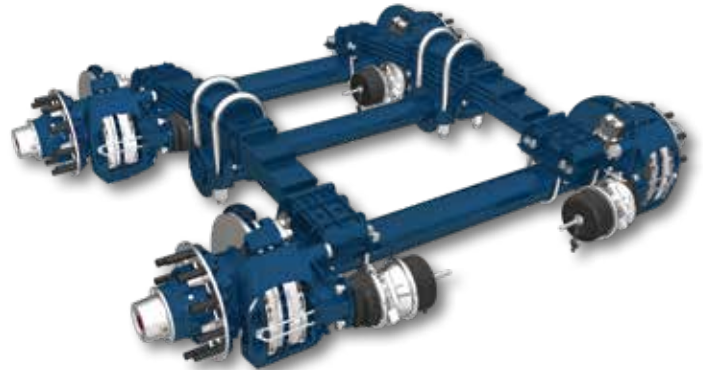
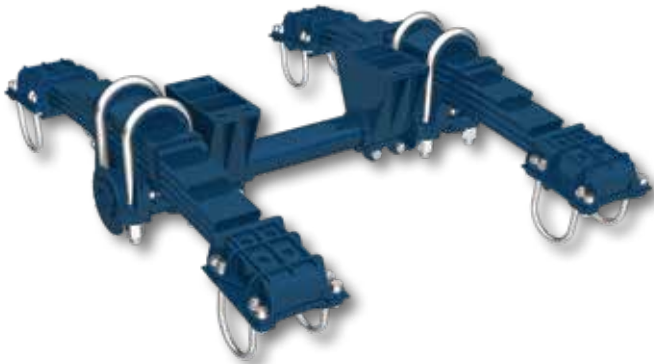
# W&C SP ORDERING GUIDE

This ORDERING GUIDE is intended to assist you in the selection of W&C Single Point Series for Trailer.

For comprehensive information on other available W&C models, options and pricing, contact W&C CUSTOMER SERVICE at 800.445.0736 (US and Canada) or wc-customerservice@wcsuspensions-intl.com. Your W&C Customer Service Representative can help you complete this form.

<b>COMPANY:</b>		<b>NAME:</b>	
<b>EMAIL:</b>		<b>TELEPHONE / FAX:</b>	

**WARNING!** FAILURE TO PROVIDE **ALL** OF THE INFORMATION REQUESTED IN THIS FORM WILL PREVENT W&C FROM PROVIDING YOU WITH A CONFIGURED PART AND PRICE QUOTE. EACH STEP IN THIS FORM REQUIRES YOUR INPUT!



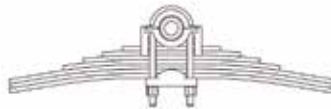
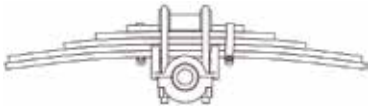
## CAPACITY TYPE

CAPACITY	<input type="checkbox"/> 50K LBS.	<input type="checkbox"/> 50K LBS. PARABOLIC	<input type="checkbox"/> 60K LBS.	<input type="checkbox"/> 70K LBS.		
AXLE SEAT DIAMETER	<input type="checkbox"/> 5.00"	<input type="checkbox"/> 5.00"	<input type="checkbox"/> 5.00"	<input type="checkbox"/> 5.75" (KIT ONLY)	<input type="checkbox"/> 5.00"	<input type="checkbox"/> 5.75" (KIT ONLY)

## CONFIGURATION TYPE

OVERSLUNG TRUNNION  
(SPRING ABOVE TRUNNION TUBE)

UNDERSLUNG TRUNNION  
(TRUNNION TUBE ABOVE SPRING)



## AXLE SEAT TYPE

OVERSLUNG AXLE

SLIDE PAD OVERSLUNG AXLE

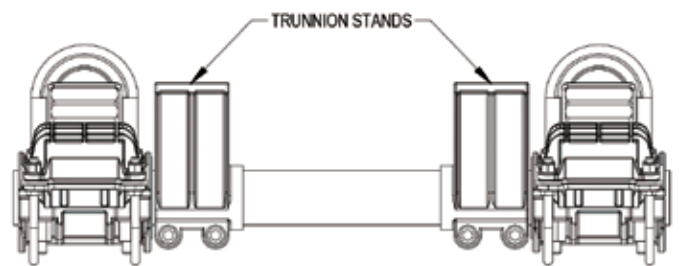
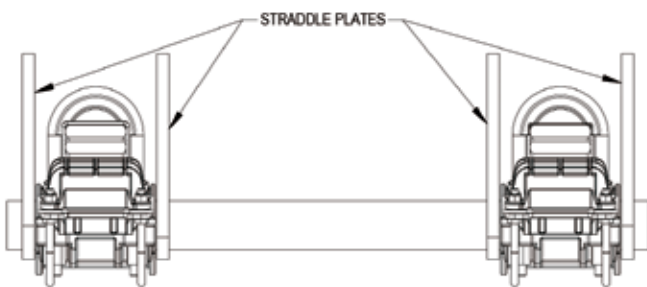
UNDERSLUNG AXLE



## MOUNTING STYLE OPTION

STRADDLE MOUNT

TRUNNION MOUNT



STRADDLE PLATES: HEIGHT\* \_\_\_\_\_

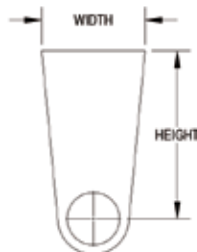
INNER PLATE: WIDTH \_\_\_\_\_

OUTER PLATE: WIDTH \_\_\_\_\_

TOP PLATE:  NO  YES\*\*

\* 1.50" OF CLEARANCE IS NEEDED BETWEEN TOP OF TRUNNION U-BOLTS TO BOTTOM OF FRAME

\*\* IF YES, PLEASE CONTACT SALES FOR MORE INFORMATION



TRUNNION STAND HEIGHT:

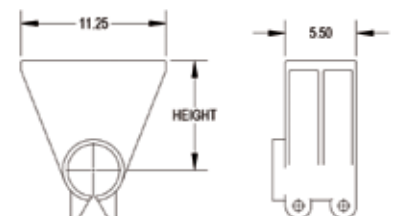
LESS TRUNNION STANDS

2.50"

4.50"

6.50"

8.50"



## STRADDLE MOUNT SPRING CENTERS

37.00" (71.50 TRACK)  43.00" (77.50 TRACK)  OTHER \_\_\_\_\_

## TRUNNION MOUNT SPRING CENTERS

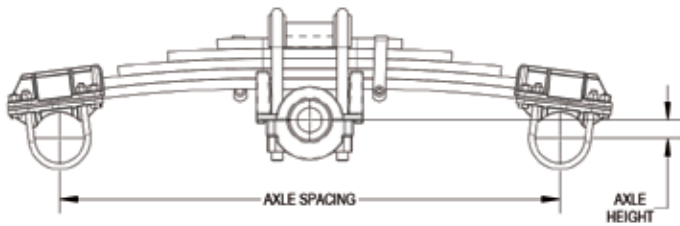
38.00" (71.50 TRACK)  44.00" (77.50 TRACK)  OTHER \_\_\_\_\_

# SP ORDERING GUIDE

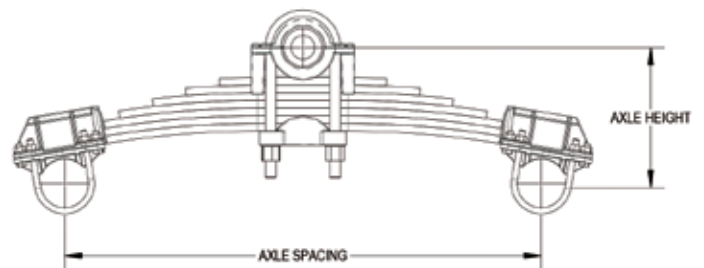
**TABLE 1: OVERSLUNG AXLE SPECIFICATIONS AND AXLE HEIGHTS**

MODEL	CAPACITY	NO. OF SPRING LEAVES	NOMINAL AXLE SPACING		STANDARD TRUNNION AXLE HEIGHT		REVERSE TRUNNION AXLE HEIGHT	
			UNLOADED	LOADED	UNLOADED	LOADED	UNLOADED	LOADED
PAR50	50,000	3	50.50	51.00	1.88	0.50	12.13	10.69
HD60	60,000	9	53.00	54.00	1.94	0.38	15.38	13.75
HD70	70,000	10	53.00	54.00	1.94	0.38	16.19	14.56
HD80	80,000	12	53.00	54.00	1.94	0.38	17.75	16.13

AXLE SEAT TYPE: OVERSLUNG AXLE OR SLIDE PAD OVERSLUNG AXLE  
CONFIGURATION STYLE: OVERSLUNG TRUNNION



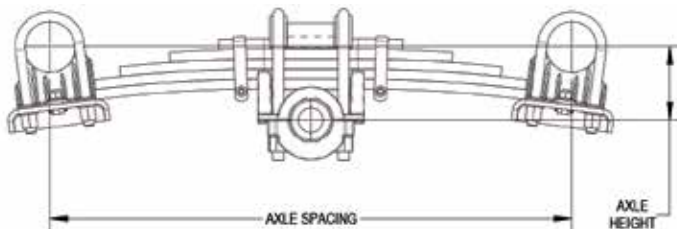
AXLE SEAT TYPE: OVERSLUNG AXLE OR SLIDE PAD OVERSLUNG AXLE  
CONFIGURATION STYLE: UNDERSLUNG TRUNNION



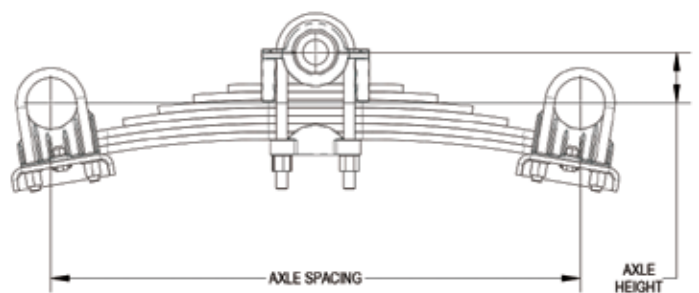
**TABLE 2: UNDERSLUNG AXLE SPECIFICATIONS AND AXLE HEIGHTS**

MODEL	CAPACITY	NO. OF SPRING LEAVES	NOMINAL AXLE SPACING		STANDARD TRUNNION AXLE HEIGHT		REVERSE TRUNNION AXLE HEIGHT	
			UNLOADED	LOADED	UNLOADED	LOADED	UNLOADED	LOADED
PAR50	50,000	3	53.00	52.50	-7.38	-8.88	2.88	1.44
HD60	60,000	9	55.50	54.00	-7.38	-9.00	6.00	4.38
HD70	70,000	10	55.50	54.00	-7.38	-9.00	6.88	5.19
HD80	80,000	12	55.50	54.00	-7.38	-9.00	8.44	6.75

AXLE SEAT TYPE: UNDERSLUNG AXLE  
CONFIGURATION STYLE: OVERSLUNG TRUNNION



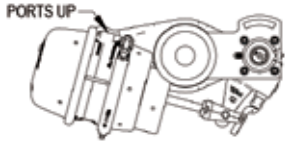
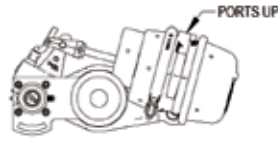
AXLE SEAT TYPE: UNDERSLUNG AXLE  
CONFIGURATION STYLE: UNDERSLUNG TRUNNION



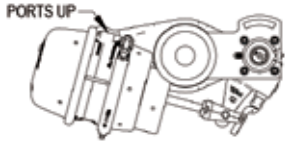
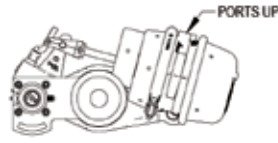
# SP ORDERING GUIDE

## AXLE ROTATION

### FRONT AXLE

 BR1 (STANDARD)

 BR2


### REAR AXLE

 BR1 (STANDARD)

 BR2


## AXLE TYPE

 STRAIGHT

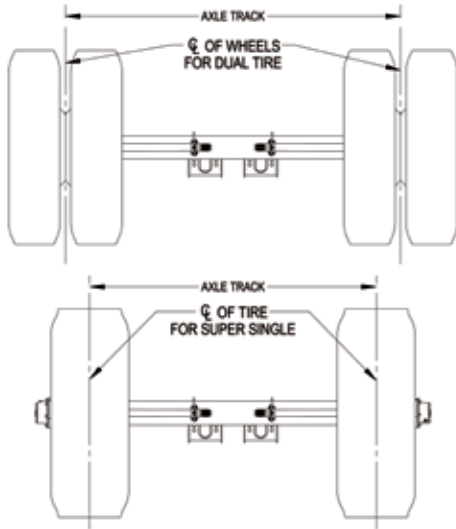

## AXLE TRACK

 71.50" (96" WIDE TRAILER)

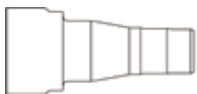
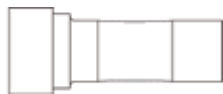
 77.50" (102" WIDE TRAILER)

 OTHER: \_\_\_\_\_

### AXLE TRACK FROM 60" TO 120" IN 1/2" INCREMENTS

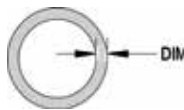


## SPINDLE TYPE

 HN (TAPERED)

 HP (PARALLEL)


## AXLE WALL

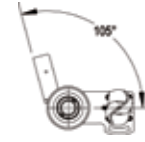
 5/8" (NOMINAL)

 3/4"


## AXLE CAPACITY

SPINDLE TYPE	SUSPENSION	AXLE DIAMETER	5/8" NOM. WALL	3/4" WALL
HN	MECHANICAL SPRING	5" ROUND	UP TO 25,000	UP TO 27,000
HP	MECHANICAL SPRING	5" ROUND	UP TO 25,000	UP TO 27,000

## BRAKE CHAMBER BRACKET

 STANDARD


## DRUM BRAKE TYPE

BRAKE LINING

 H20

 H23

BRAKE SIZE

 16.50"×7.00"

 16.50"×8.63"

 16.50"×7.00"

 16.50"×8.63"

BRAKE MODEL

 STANDARD  
 HXS\*

HXS\*

 STANDARD  
 HXS\*

HXS\*

CHAMBER STROKE

 2.5" STROKE

 2.5" STROKE

 3.0" STROKE

 3.0" STROKE

PARKING CHAMBERS


 TYPE 30/30  
 NONE

 TYPE 30/30  
 NONE

 TYPE 30/30  
 NONE

 TYPE 30/30  
 NONE

SERVICE CHAMBERS


 TYPE 30  
 NONE

 TYPE 30  
 NONE

BRAKE CHAMBER VENDOR\*\*

 STANDARD

 DI-PRO

 BENDIX

 HALDEX

\* HXS - EXTENDED LIFE SHOES

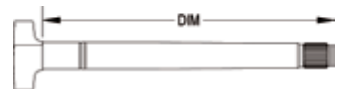
\*\* OPTION OTHER THAN STANDARD IS CONSIDERED A PREMIUM

## S-CAM TYPE

S-CAM LENGTH

 23.75" (STANDARD)

 26.50" (LONG CAMS)

 OTHER (6.63" MIN - 35.5" MAX): \_\_\_\_\_


CAM TUBE

 NONE (STANDARD)

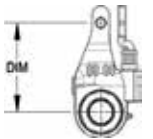
 YES

## SLACK ADJUSTER TYPE

SLACK ADJUSTER LENGTH

 6.0" (STANDARD)  
 (LONG STROKE CHAMBER RECOMMENDED)

 5.5"

 NONE


## DUST SHIELD

 NONE (STANDARD)

 YES


## ABS SENSOR

FRONT AXLE

 NONE

 YES

REAR AXLE\*

 NONE

 YES

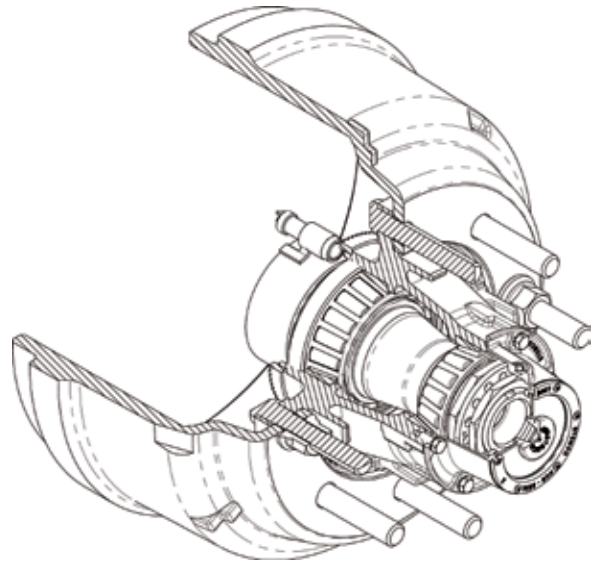
\* RECOMMENDED TO BE INSTALLED ON REAR AXLE

 NOTES: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# SP ORDERING GUIDE

## DRUM BRAKE WHEEL-END

	<input type="checkbox"/> STANDARD	<input type="checkbox"/> CONMET PRESET PLUS	<input type="checkbox"/> LESS WHEEL-END
HUB MATERIAL	<input type="checkbox"/> DUCTILE IRON (STANDARD) <input type="checkbox"/> ALUMINUM <input type="checkbox"/> DURA-LIGHT HUB	<input type="checkbox"/> DUCTILE IRON (STANDARD) <input type="checkbox"/> ALUMINUM	N/A
DRUM MATERIAL	<input type="checkbox"/> DUCTILE IRON (STANDARD) <input type="checkbox"/> LIGHT WEIGHT	<input type="checkbox"/> DUCTILE IRON (STANDARD) <input type="checkbox"/> LIGHT WEIGHT	N/A
HUB STYLE	HUB PILOT	HUB PILOT	N/A
NUMBER OF STUDS - BOLT CIRCLE DIA.	<input type="checkbox"/> 10 - 11.25" (STANDARD) <input type="checkbox"/> 10 - 335MM <input type="checkbox"/> 8 - 275MM (12.25"×7.50")	<input type="checkbox"/> 10 - 11.25" (STANDARD)	N/A
STUD LENGTH	<input type="checkbox"/> LONG STUD <input type="checkbox"/> SHORT STUD	<input type="checkbox"/> LONG STUD <input type="checkbox"/> SHORT STUD	N/A
LUBE TYPE	<input type="checkbox"/> SAE 80W/90 (STANDARD) <input type="checkbox"/> SYNTHETIC 75W/90 <input type="checkbox"/> SEMI-FLUID GREASE	<input type="checkbox"/> SAE 80W/90 (STANDARD) <input type="checkbox"/> SYNTHETIC 75W/90 <input type="checkbox"/> SEMI-FLUID GREASE	N/A
LUBE INSTALLED	<input type="checkbox"/> YES (STANDARD) <input type="checkbox"/> NO	<input type="checkbox"/> YES (STANDARD)	N/A
SPINDLE NUT	<input type="checkbox"/> 3-PIECE (STANDARD) <input type="checkbox"/> PRO-TORQUE NUT	(CONMET INCLUDED)	N/A
ABS TONE RING	INSTALLED	INSTALLED	N/A

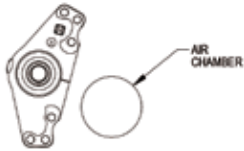


## AIR DISC BRAKE OPTIONS

### AIR DISC AXLE ROTATION

#### FRONT AXLE

BRA (STANDARD)

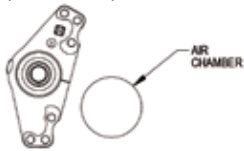


BRB



#### REAR AXLE

BRA (STANDARD)



BRB



### AIR DISC BRAKE

AXLE VENDOR	<input type="checkbox"/> WABCO PAN22	<input type="checkbox"/> KNORR / BENDIX ADB22X-LT
PAD / LINING	WABCO 230	BX276
ABS TONE RING DUST SHIELD	REQUIRED	REQUIRED
ROTOR BRAND / MATERIAL	430MM CAST IRON	430MM CAST IRON
PARKING CHAMBER	<input type="checkbox"/> TYPE 20/24	<input type="checkbox"/> TYPE 18/24
SERVICE CHAMBER	<input type="checkbox"/> TYPE 20	<input type="checkbox"/> TYPE 18

NOTES: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

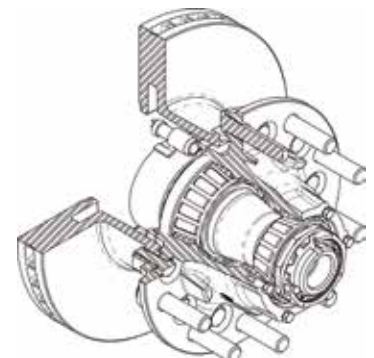
### AIR DISC BRAKE WHEEL-END

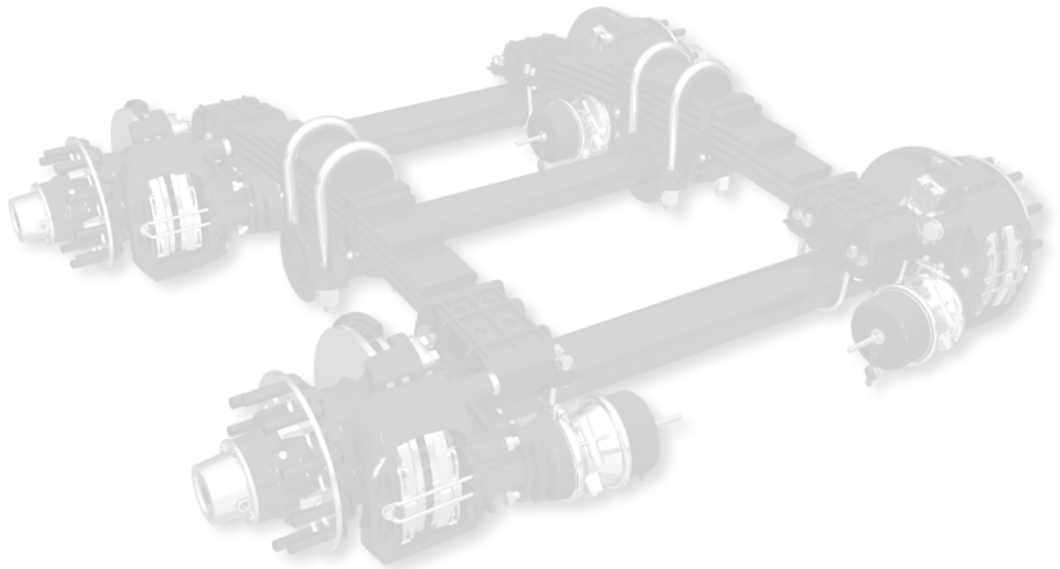
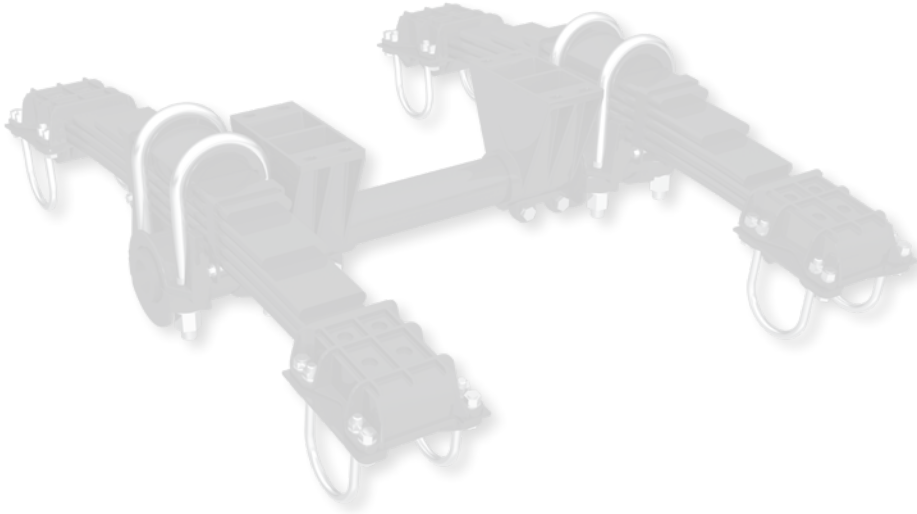
	<input type="checkbox"/> STANDARD	<input type="checkbox"/> CONMET PRESET
HUB MATERIAL	DUCTILE IRON	ALUMINUM
NUMBER OF STUDS - BOLT CIRCLE DIA.	10 - 11.25"	10 - 11.25"
STUD LENGTH	<input type="checkbox"/> LONG STUD <input type="checkbox"/> SHORT STUD	<input type="checkbox"/> LONG STUD <input type="checkbox"/> SHORT STUD
LUBE TYPE	<input type="checkbox"/> SAE 80W/90 (STANDARD) <input type="checkbox"/> SEMI-FLUID GREASE	<input type="checkbox"/> SAE 80W/90 (STANDARD) <input type="checkbox"/> SEMI-FLUID GREASE
LUBE INSTALLED	<input type="checkbox"/> YES (STANDARD) <input type="checkbox"/> NO	INSTALLED
SPINDLE NUT	3-PIECE (SET SCREW)	(CONMET INCLUDED)
ABS TONE RING	INSTALLED	(CONMET INCLUDED)

### ABS SENSOR

FRONT AXLE	<input type="checkbox"/> NONE	<input type="checkbox"/> YES
REAR AXLE*	<input type="checkbox"/> NONE	<input type="checkbox"/> YES

\*RECOMMENDED TO BE INSTALLED ON REAR AXLE





Contact Watson & Chalin at 972.547.6020 for additional information.



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