

Rear Tire Selection, Tire Spacing, and Front to Rear Tire Compatibility Chart

Axle Spacing 16.9R26 ** R1 RADIAL

MODELS: 9570 STS

Steering Tire	Rear Axle Type	Rear Spindle Type	Tire Tread - Centerline to Centerline										Inside to Inside Subtract (mm)	Outside to Outside Add (mm)
			Position A		Position B		Position C		Position D		Position E			
			(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)		
16.9R26 ** R1 RADIAL	Fixed	Heavy Duty	126.1	3203	-	-	-	-	-	-	-	-	464	464
	Adjustable	Heavy Duty	122.4	3108	130.4	3311	138.4	3514	146.4	3718	154.4	3921	464	464
	Adjustable	4WD	124.8	3171	132.8	3373	140.8	3575	148.8	3778	156.8	3980	464	464

Front to Rear Tire Compatibility and Height Differences for Tire Size 16.9R26 ** R1 RADIAL

(Shaded boxes indicate an unlikely combination)

Rear Axle Type/Position	Front Tire Size	30.5L-32 14ply R1	30.5L-32 14ply R2	800/65R32 (172A8) R1W	35.5L-32 12ply R2	20.8R38** R1 Duals	30.5LR-32*** R1	800/70R38 (173A8) R1W
HD Fixed / Adj pos 1		0.4 10	-0.9 -23	0.4 10	-4.2 -107	0.4 10	1.1 28	-3.4 -86
HD Adj pos 2		2.8 70	1.5 37	2.8 70	-1.9 -47	2.8 70	3.5 88	-1.0 -26

Rear Axle Type/Position	Front Tire Size	18.4R38** R1 Duals	
HD Fixed / Adj pos 1		1.7	43
HD Adj pos 2		4.1	103

*All of these tire combination on this chart are not available for all of the combine models.

*Actual measurements will vary depending on actual rolling radius of the tires.

Axle Spacing 18.4R26 ** R1 RADIAL

MODELS: 9570 STS, 9670 STS, 9770 STS

Steering Tire	Rear Axle Type	Rear Spindle Type	Tire Tread - Centerline to Centerline										Inside to Inside Subtract (mm)	Outside to Outside Add (mm)
			Position A		Position B		Position C		Position D		Position E			
			(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)		
18.4R26 ** R1 RADIAL	Fixed	Heavy Duty	123.1	3128	-	-	-	-	-	-	-	-	505	505
	Adjustable	Heavy Duty	119.4	3032	127.4	3235	135.4	3523	143.4	3726	151.4	3930	505	505
	Adjustable	4WD	121.9	3095	129.9	3297	137.9	3499	145.9	3702	153.9	3904	505	505

Front to Rear Height Differences for Tire Size 18.4R26 ** R1 RADIAL

(Shaded boxes indicate an unlikely combination)

Rear Axle Type/Position	Front Tire Size	30.5L-32 14ply R1	30.5L-32 14ply R2	800/65R32 (172A8) R1W	35.5L-32 12ply R2	20.8R38** R1 Duals	30.5LR-32*** R1	800/70R38 (173A8) R1W
HD Fixed / Adj pos 1		1.5 38	0.2 5	1.5 38	-3.2 -81	1.4 36	2.1 53	-2.3 -59
HD Adj pos 2		3.9 98	2.6 65	3.9 98	-0.8 -21	3.8 96	4.4 113	0.0 1

Rear Axle Type/Position	Front Tire Size	18.4R42*** R1 Duals	20.8R42** R1 Duals	20.8R42** R2 Duals	76x50-32 16 PR HF3	900/65R32 (172A8) R2	18.4R38** R1 Duals	900/60R32 (176A8) R1
HD Fixed / Adj pos 1		0.6 15	-0.5 -13	-2.1 -53	-2.5 -64	-1.2 -30	3.3 84	-2.3 -59
HD Adj pos 2		3.0 75	1.9 47	0.3 7	-0.2 -4	1.2 30	5.7 144	0.0 1

*All of these tire combination on this chart are not available for all of the combine models.

*Actual measurements will vary depending on actual rolling radius of the tires.

Axle Spacing 480/70R30 (152A8) R1W

MODELS: 9570 STS, 9670 STS, 9770 STS, 9870 STS

Steering Tire	Rear Axle Type	Rear Spindle Type	Tire Tread - Centerline to Centerline										Inside to Inside Subtract (mm)	Outside to Outside Add (mm)
			Position A		Position B		Position C		Position D		Position E			
			(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)		
480/70R30 (152A8) R1W	Adjustable 4WD	Heavy Duty Heavy Duty	Not Recommended ¹		126.3	3209	134.3	3412	142.3	3615	150.3	3819	505	505
			Not Recommended ¹		129.2	3281	137.2	3483	145.2	3685	153.2	3888	505	505

Front to Rear Height Differences for Tire Size 480/70R30 (152A8) R1W

Rear Axle Type/Position	Front Tire Size	30.5L-32 14ply R1		30.5L-32 14ply R2		800/65R32 (172A8) R1W		35.5L-32 12ply R2		20.8R38** R1 Duals		30.5LR-32*** R1		800/70R38 (173A8) R1W	
	HD Fixed / Adj pos 1	2.4	61	1.1	28	2.4	61	-2.2	-56	2.4	61	3.1	79	-0.1	-3
HD Adj pos 2	4.8	121	3.5	88	4.8	121	0.2	4	4.8	121	5.5	139	2.2	57	

Rear Axle Type/Position	Front Tire Size	18.4R42*** R1 Duals		20.8R42** R1 Duals		20.8R42** R2 Duals		76x50-32 16 PR HF3		900/65R32 (172A8) R2		900/60R32 (176A8) R1	
	HD Fixed / Adj pos 1	1.5	38	0.4	10	-1.2	-30	-1.5	-38	1.0	26	-2.3	-59
HD Adj pos 2	3.9	98	2.8	70	1.2	30	0.9	22	3.4	86	0.0	1	

¹ Rear axle cannot be placed in this position with this size tire. Tire will hit rear shielding.
 *All of these tire combination on this chart are not available for all of the combine models.
 *Actual measurements will vary depending on actual rolling radius of the tires.

Axle Spacing 18.4-30 10PR R2

MODELS: 9570 STS, 9670 STS, 9770 STS

Steering Tire	Rear Axle Type	Rear Spindle Type	Tire Tread - Centerline to Centerline										Inside to Inside Subtract (mm)	Outside to Outside Add (mm)
			Position A		Position B		Position C		Position D		Position E			
			(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)		
18.4-30 10PR R2	Adjustable 4WD	Heavy Duty Heavy Duty	Not Recommended ¹		126.3	3207	134.3	3410	142.3	3613	150.3	3817	505	505
			Not Recommended ¹		129.1	3279	137.1	3481	145.1	3683	153.1	3886	505	505

Front to Rear Height Differences for Tire Size 18.4-30 10PR R2

(Shaded boxes indicate an unlikely combination)

Rear Axle Type/Position	Front Tire Size	30.5L-32 14ply R1		30.5L-32 14ply R2		800/65R32 (172A8) R1W		35.5L-32 12ply R2		20.8R38** R1 Duals		30.5LR-32*** R1		800/70R38 (173A8) R1W	
	HD Fixed / Adj pos 1	3.7	94	2.4	61	3.7	94	-1.0	-25	3.6	91	4.3	109	-0.1	-3
HD Adj pos 2	6.1	154	4.8	121	6.1	154	1.4	35	5.9	151	6.7	169	2.2	57	

Rear Axle Type/Position	Front Tire Size	18.4R42*** R1 Duals		20.8R42** R1 Duals		20.8R42** R2 Duals		76x50-32 16 PR HF3		900/65R32 (172A8) R2		900/60R32 (176A8) R1	
	HD Fixed / Adj pos 1	2.8	71	1.7	43	0.1	3	-0.3	-8	1.0	26	-2.3	-59
HD Adj pos 2	5.2	131	4.1	103	2.5	63	2.0	52	3.4	86	0.0	1	

¹ Rear axle cannot be placed in this position with this size tire. Tire will hit rear shielding.
 *All of these tire combination on this chart are not available for all of the combine models.
 *Actual measurements will vary depending on actual rolling radius of the tires.

Axle Spacing 600/65R28 (147A8) R1W

MODELS: 9570 STS, 9670 STS, 9770 STS, 9870 STS

Steering Tire	Rear Axle Type	Rear Spindle Type	Tire Tread - Centerline to Centerline										Inside to Inside Subtract (mm)	Outside to Outside Add (mm)
			Position A		Position B		Position C		Position D		Position E			
			(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)		
600/65R28 (147A8) R1W	Adjustable Adjustable	Heavy Duty 4WD	Not Recommended ¹		125.5	3188	134	3391	142	3594	150	3798	638	638
			Not Recommended		128.0	3252	136	3455	144	3657	152	3860	638	638

Front to Rear Height Differences for Tire Size 600/65R28 (147A8) R1W

(Shaded boxes indicate an unlikely combination)

Rear Axle Type/Position	Front Tire Size	30.5L-32 14ply R1		30.5L-32 14ply R2		800/65R32 (172A8) R1W		900/65R32 (172A8) R2		20.8R38** R1 Duals		30.5LR-32*** R1		800/70R38 (173A8) R1W	
	HD Fixed / Adj pos 1	-0.5	-13	-1.8	-46	-0.5	-13	-0.4	-10	-0.5	-13	0.2	5	-1.5	-39
HD Adj pos 2	1.9	47	0.6	14	1.9	47	2.0	50	1.9	47	2.6	65	0.8	21	

Rear Axle Type/Position	Front Tire Size	18.4R42*** R1 Duals		20.8R42** R1 Duals		20.8R42** R2 Duals		76x50-32 16 PR HF3		18.4R38** R1 Duals		900/60R32 (176A8) R1		650/85R38 R1W Duals	
	HD Fixed / Adj pos 1	-1.4	-36	-2.4	-61	-4.0	-102	-4.4	-112	3.5	89	-2.3	-59	-1.5	-39
HD Adj pos 2	0.9	24	0.0	-1	-1.7	-42	-2.0	-52	5.9	149	0.0	1	0.8	21	

¹ Rear axle cannot be placed in this position with this size tire. Tire will hit rear shielding.
 *All of these tire combination on this chart are not available for all of the combine models.
 *Actual measurements will vary depending on actual rolling radius of the tires.

Axle Spacing 28L-26 12PR R1

MODELS: 9670 STS, 9770 STS, 9870 STS

Steering Tire	Rear Axle Type	Rear Spindle Type	Tire Tread - Centerline to Centerline										Inside to Inside Subtract (mm)	Outside to Outside Add (mm)		
			Position A		Position B		Position C		Position D		Position E					
			(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)				
28L-26 12PR R1	Adjustable Adjustable	Heavy Duty 4WD	Cannot be used in these positions due to shielding interference.						144	3664	152	3867	160	4070	771	771
							146	3713	154	3915	162	4117	771	771		

Front to Rear Height Differences for Tire Size 28L-26 12PR R1

(Shaded boxes indicate an unlikely combination)

Rear Axle Type/Position	Front Tire Size	30.5L-32 14ply R1		30.5L-32 14ply R2		800/65R32 (172A8) R1W		35.5L-32 12ply R2		20.8R38** R1 Duals		30.5LR-32*** R1		800/70R38 (173A8) R1W	
	HD Fixed / Adj pos 1	4.5	114	3.2	81	4.5	114	-0.2	-5	4.4	112	5.1	130	0.7	17
HD Adj pos 2	6.9	174	5.6	141	6.9	174	2.2	55	6.8	172	7.5	190	3.0	77	

Rear Axle Type/Position	Front Tire Size	18.4R42*** R1 Duals		20.8R42** R1 Duals		20.8R42** R2 Duals		76x50-32 16 PR HF3		900/65R32 (172A8) R2		900/60R32 (176A8) R1		650/85R38 R1W Duals	
	HD Fixed / Adj pos 1	3.6	91	2.5	64	0.9	23	0.5	13	1.8	46	-2.3	-59	0.7	17
HD Adj pos 2	5.9	151	4.9	124	3.3	83	2.9	73	4.2	106	0.0	1	3.0	77	

*All of these tire combination on this chart are not available for all of the combine models.
 *Actual measurements will vary depending on actual rolling radius of the tires.

Axle Spacing 28L-26 12PR R2

MODELS: 9670 STS, 9770 STS, 9870 STS

Steering Tire	Rear Axle Type	Rear Spindle Type	Tire Tread - Centerline to Centerline								Inside to Inside Subtract (mm)	Outside to Outside Add (mm)		
			Position A		Position B		Position C		Position D				Position E	
			(inches)	(mm)	(inches)	(mm)	(inches)	(mm)	(inches)	(mm)			(inches)	(mm)
28L-26 12PR R2	Adjustable Adjustable	Heavy Duty 4WD	Cannot be used in these positions due to shielding interference.				144	3664	152	3867	160	4070	771	771
			146	3713	154	3915	162	4117			771	771		

Front to Rear Height Differences for Tire Size 28L-26 12PR R2

(Shaded boxes indicate an unlikely combination)

Rear Axle Type/Position	Front Tire Size	30.5L-32 14ply R1		30.5L-32 14ply R2		800/65R32 (172A8) R1W		35.5L-32 12ply R2		20.8R38** R1 Duals		30.5LR-32*** R1		800/70R38 (173A8) R1W		
		HD Fixed / Adj pos 1	4.9	124	3.6	91	4.9	124	0.3	8	4.9	124	5.6	142	1.1	29
		HD Adj pos 2	7.2	184	5.9	151	7.2	184	2.7	68	7.2	184	8.0	202	3.5	89

Rear Axle Type/Position	Front Tire Size	18.4R42*** R1 Duals		20.8R42** R1 Duals		20.8R42** R2 Duals		76x50-32 16 PR HF3		900/65R32 (172A8) R2		900/60R32 (176A8) R1		650/85R38 R1W Duals		
		HD Fixed / Adj pos 1	4.0	102	3.0	76	1.4	36	1.0	25	2.3	58	-2.3	-59	1.1	29
		HD Adj pos 2	6.4	162	5.4	136	3.8	96	3.3	85	4.6	118	0.0	1	3.5	89

*All of these tire combination on this chart are not available for all of the combine models.
 *Actual measurements will vary depending on actual rolling radius of the tires.

