Product Catalogue

Version 8.0

Section

F

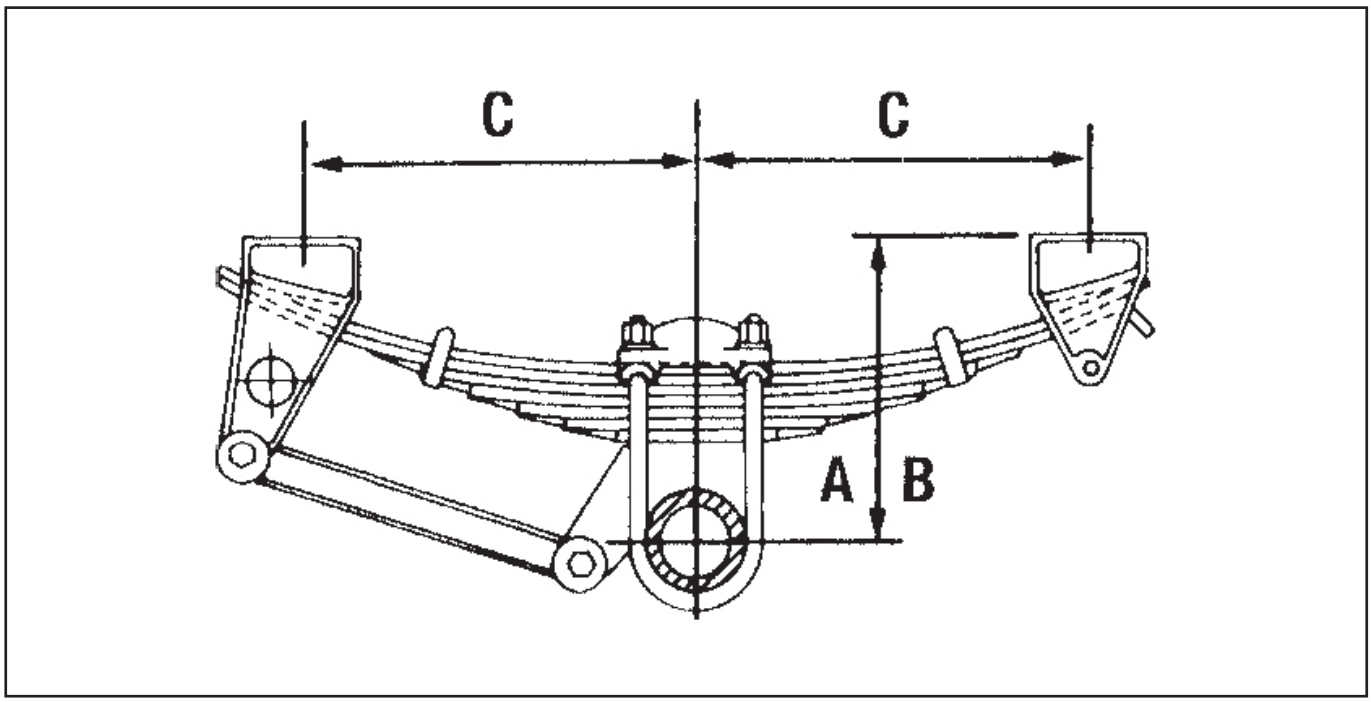
Mechanical Suspension Components

Index

Fuwa Suspension	F:26-F:27
HTS-9 Suspension - Round Axle	F:24
HTS-9 Suspension - Square Axle	F:25
Hutch Suspension - H & CH-7700	F:20-F:21
Hutch Suspension - H & CH-9700	F:22-F:23
Phoenix Single Suspension	F:14-F:15
Phoenix Tandem Suspension	F:16-F:17
Phoenix Tri-Axle Suspension	F:18-F:19
Reyco Model 102W	F:12-F:13
Reyco Model 8854 - Tri-axle Suspension	F:9
Reyco Model 8860 - Tandem Suspension	F:8
Reyco Model 88 Series	F:10-F:11
ROR SMT Single Suspension	F:1
ROR SMT Suspension	F:6
Adjustable Torque Arm	F:6
Rigid Torque Arm	F:6
ROR SMT Suspension - 1360mm Spread	F:4
ROR SMT Suspension - 1525mm Spread	F:5
ROR SMT Tandem Suspension	F:2
ROR SMT Tri-Axle Suspension	F:3

Manufacturers' and other wholesalers' part numbers used in this catalogue are for cross reference purposes only
and do not imply anything about the origin or manufacturer of the product

ArvinMeritor (ROR) SMT Single Suspension

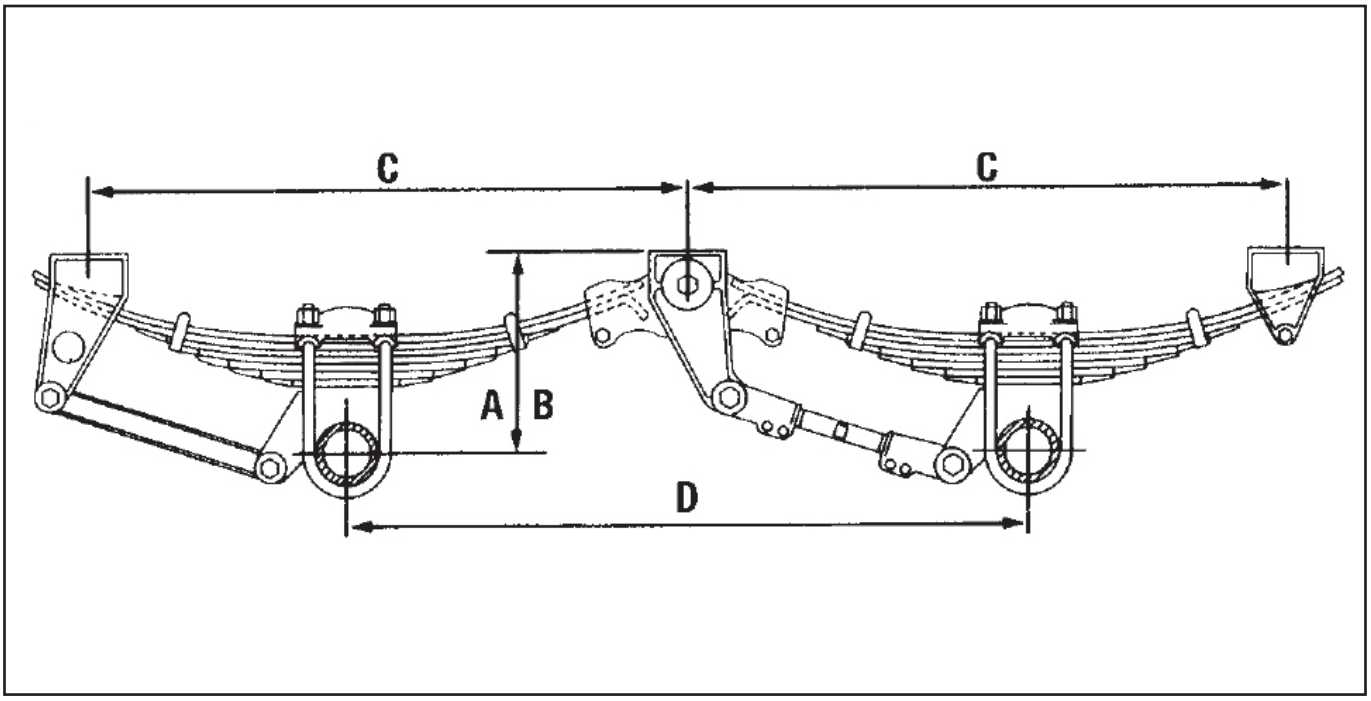


Part No :	Suspension Type	Capacity	Weight
N/A	SMT 22HDL-1A-7/17	10,170kgs	192kgs
	A (Unladen)	425mm	
	B (Laden)	368mm	
	C (Approx)	518mm	

No. of Leaves	Thickness	Length
8	114mm	1210mm
9	129mm	1210mm
10	143mm	1210mm
12	152mm	1210mm

Manufacturers' and other wholesalers' part numbers used in this catalogue are for cross reference purposes only
and do not imply anything about the origin or manufacturer of the product

ArvinMeritor (ROR) SMT Tandem Suspension



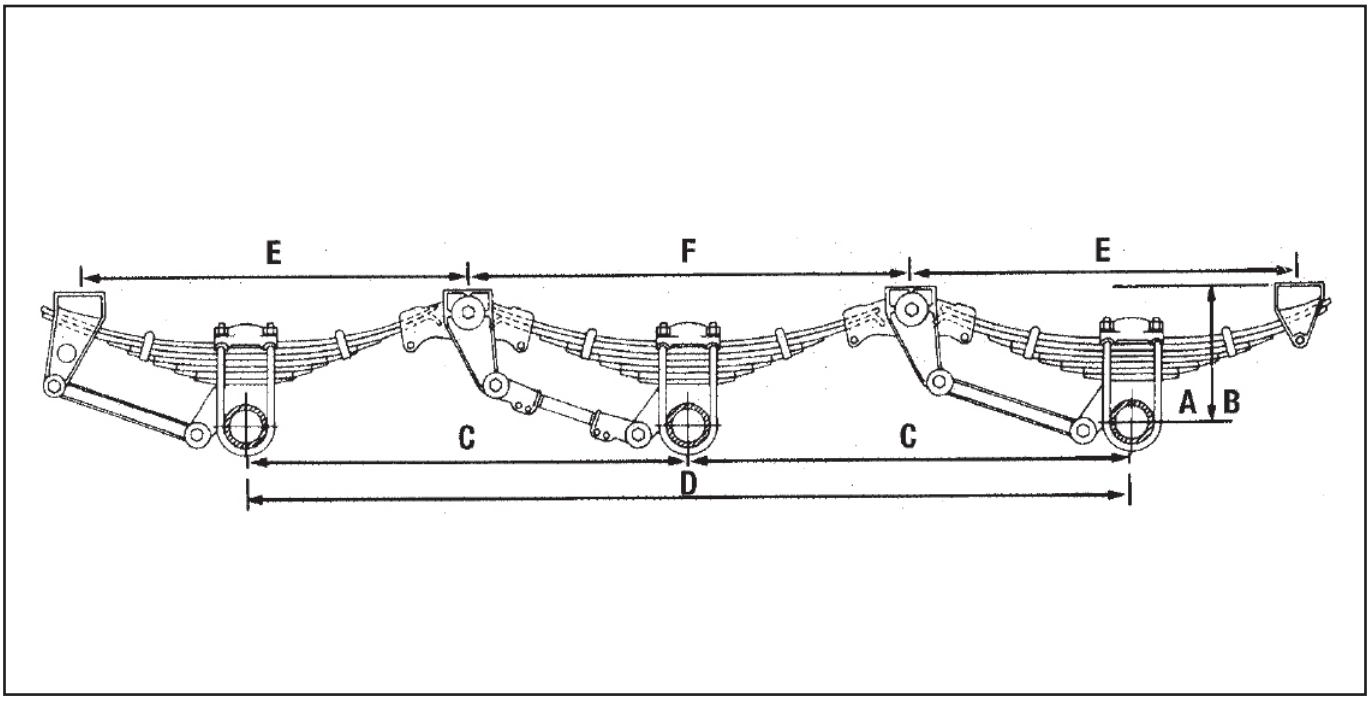
Part No :	Suspension Type	Capacity	Weight
N/A	SMT 44HDL-2A-7/17	20,340kgs	401kgs
	A (Unladen)	425mm	
	B (Laden)	381mm	
	C (Approx)	1,194mm	
	D (Approx)	1,360mm	

Part No :	Suspension Type	Capacity	Weight
TL-13-324-MT15TD-MAL	SMT 42HDL-2A-7/17	19,320kgs	406kgs
	A (Unladen)	425mm	
	B (Laden)	380mm	
	C (Approx)	1,280mm	
	D (Approx)	1,525mm	

No. of Leaves	Thickness	Length
8	114mm	1210mm
9	129mm	1210mm
10	143mm	1210mm
12	152mm	1210mm

Manufacturers' and other wholesalers' part numbers used in this catalogue are for cross reference purposes only and do not imply anything about the origin or manufacturer of the product

ArvinMeritor (ROR) SMT Tri-Axle Suspension



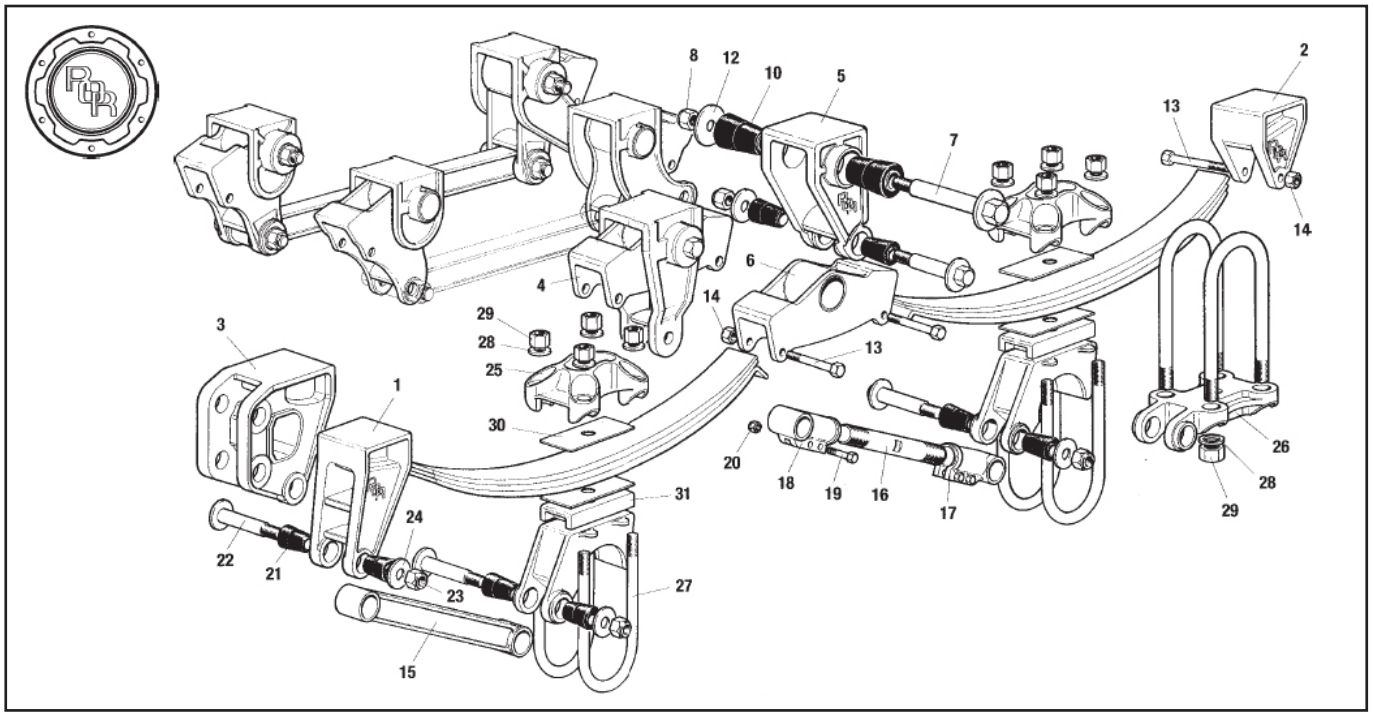
Part No :	Suspension Type	Capacity	Weight
TL-13-324-MT13TR-MER	SMT 54SHDL-3A-7/17	24,000kgs	608kgs
	A (Unladen)	425mm	
	B (Laden)	389mm	
	C (Approx)	1,360mm	
	D (Approx)	2,720mm	
	E	1,194mm	
	F	1,360mm	

Front & Rear Spring Part No.	No. of Leaves	Thickness	Length
TL-13-324-200078	8	114mm	1210mm
	9	129mm	1210mm
	10	143mm	1210mm
	12	152mm	1210mm

Centre Spring Part No.	No. of Leaves	Thickness	Length
TL-13-324-2120098	8	114mm	1175mm
	9	129mm	1175mm
	10	143mm	1182mm
	12	152mm	1181mm

Manufacturers' and other wholesalers' part numbers used in this catalogue are for cross reference purposes only and do not imply anything about the origin or manufacturer of the product

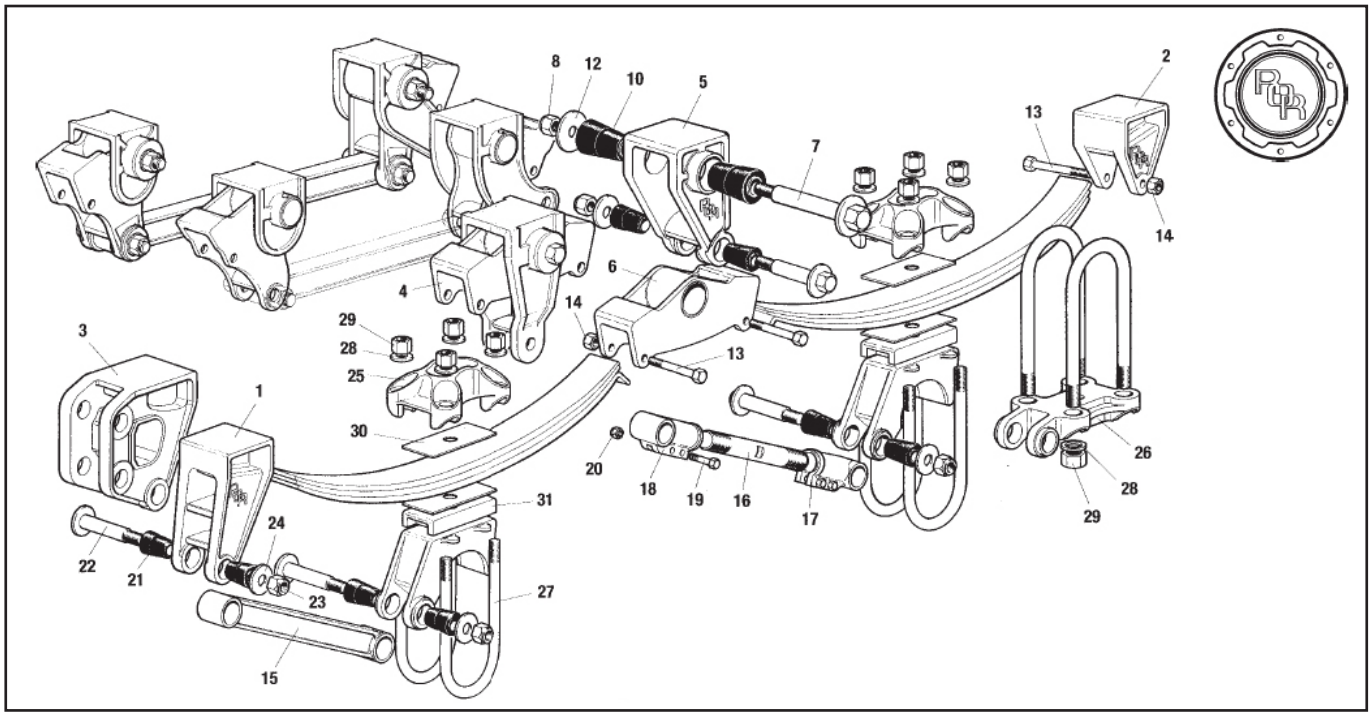
ArvinMeritor (ROR) SMT Suspension - 1360mm Spread



Part No :	Item	Description
TL-13-324-205836-MAL	1	Front hanger bracket
TL-13-324-206082-MAL	2	Rear hanger bracket
TL-13-324-206941-MAL	3	Drawbar hanger bracket
TL-13-324-206038-MAL	4	Equalizer complete assy.
TL-13-324-205837-MAL	5	Equalizer bracket
TL-13-324-203141-MAL	6	Equalizer
TL-13-324-206000-MAL	7	Bolt equalizer
TL-13-324-206001-MAL	8	Equalizer bolt locknut
TL-13-324-020676-MAL	10	Bush
TL-13-324-212388-MAL	10A	Tube spacer
TL-13-324-020678-MAL	12	Clamp washer
TL-13-324-206055-MAL	13	Bolt
TL-13-324-206037-MAL	14	Nut
TL-13-324-209548-MAL	17	Complete torque arm end assy. (RH)
TL-13-324-209549-MAL	17	Complete torque arm end assy. (LH)
TL-13-324-205840-MAL	18	Torque arm end (RH)
TL-13-324-205841-MAL	18	Torque arm end (LH)
TL-13-324-206054-MAL	19	Bolt
TL-13-324-206037-MAL	20	Nut
TL-13-324-202104-MAL	21	Bush
TL-13-324-202094-MAL	22	Torque arm bolt
TL-13-324-206001-MAL	23	Torque arm locknut
TL-13-324-202092-MAL	24	Torque arm washer
TL-13-324-206056-MAL	25	Top plate (standard application)
TL-13-324-206139-MAL	26	Torque aem mounting bracket(underslung application)
TL-13-324-206225-628	27	“U’ bolt
TL-13-324-206539-MAL	28	Washer ‘U’ bolt
TL-13-324-006511-628	29	Nut ‘U’ bolt
TL-13-324-016639-MAL	30	Derlin liner
TL-13-324-200339-MAL	30A	Location button, underslung (not illustrated)
n/a	31	Spacer block
TL-13-324-200078-628	n/s	8 leaves, 1360mm axle spacing
TL-13-324-200998-628	n/s	8 leaves, center spring for tri-axle suspension
TL-13-324-025427-628	n/s	12 leaves, 1360mm axle spacing
TL-13-324-205838-MAL	n/s	Spring Seat, 68mm height

Manufacturers’ and other wholesalers’ part numbers used in this catalogue are for cross reference purposes only and do not imply anything about the origin or manufacturer of the product

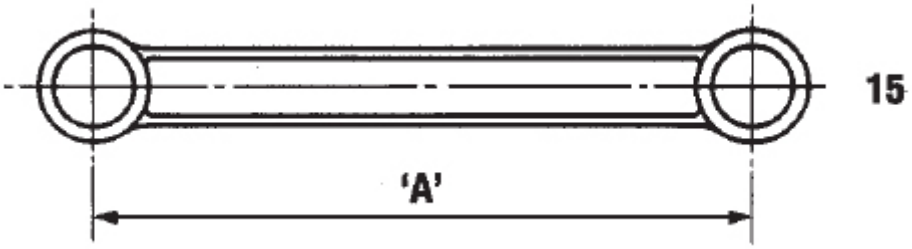
ArvinMeritor (ROR) SMT Suspension - 1525mm Spread



Part No :	Item	Description
TL-13-324-205836-MAL	1	Front hanger bracket
TL-13-324-206082-MAL	2	Rear hanger bracket
TL-13-324-206941-MAL	3	Drawbar hanger bracket
TL-13-324-206221-MAL	4	Equalizer complete assy.
TL-13-324-205837-MAL	5	Equalizer bracket
TL-13-324-204062-MAL	6	Equalizer
TL-13-324-206000-MAL	7	Bolt equalizer
TL-13-324-206001-MAL	8	Equalizer bolt locknut
TL-13-324-020676-MAL	10	Bush
n/a	10A	Tube spacer
TL-13-324-020678-MAL	12	Clamp washer
TL-13-324-206055-MAL	13	Bolt
TL-13-324-206037-MAL	14	Nut
TL-13-324-209548-MAL	17	Complete torque arm end assy. (RH)
TL-13-324-209549-MAL	17	Complete torque arm end assy. (LH)
TL-13-324-205840-MAL	18	Torque arm end (RH)
TL-13-324-205841-MAL	18	Torque arm end (LH)
TL-13-324-206054-MAL	19	Bolt
TL-13-324-206037-MAL	20	Nut
TL-13-324-202104-MAL	21	Bush
TL-13-324-202094-MAL	22	Torque arm bolt
TL-13-324-206001-MAL	23	Torque arm locknut
TL-13-324-202092-MAL	24	Torque arm washer
TL-13-324-206056-MAL	25	Top plate (standard application)
TL-13-324-206139-MAL	26	Torque aem mounting bracket(underslung application)
TL-13-324-206225-628	27	“U’ bolt
TL-13-324-206539-MER	28	Washer ‘U’ bolt
TL-13-324-006511-628	29	Nut ‘U’ bolt
TL-13-324-016639-MAL	30	Derlin liner
TL-13-324-200339-MAL	30A	Location button, underslung (not illustrated)
n/a	31	Spacer block
TL-13-324-200078-628	n/s	8 leaves, 1360mm axle spacing
TL-13-324-200998-628	n/s	8 leaves, center spring for tri-axle suspension
TL-13-324-025427-628	n/s	12 leaves, 1360mm axle spacing
TL-13-324-205838-MAL	n/s	Spring Seat, 68mm height

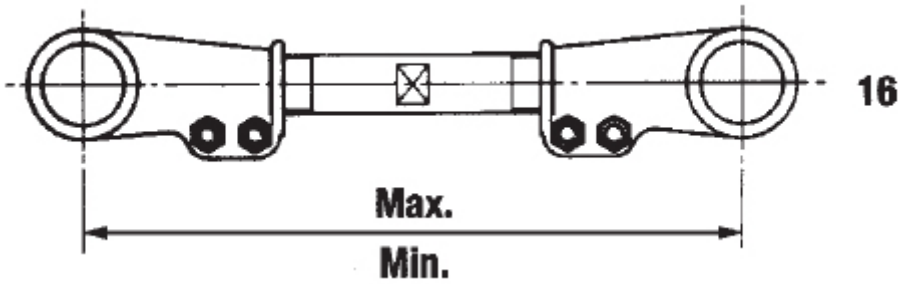
ArvinMeritor (ROR) SMT Suspension

Rigid Torque Arm



Part No :	Item	'A' Centres
TL-13-324-206141-MAL	15	337mm
TL-13-324-206142-MAL	15	360mm
TL-13-324-206135-MAL	15	381mm
TL-13-324-206256-MAL	15	406mm
TL-13-324-206140-MAL	15	438mm
TL-13-324-204055-MAL	15	450mm
TL-13-324-205839-MAL	15	464mm
TL-13-324-206138-MAL	15	549mm
TL-13-324-206136-MAL	15	699mm

Adjustable Torque Arm

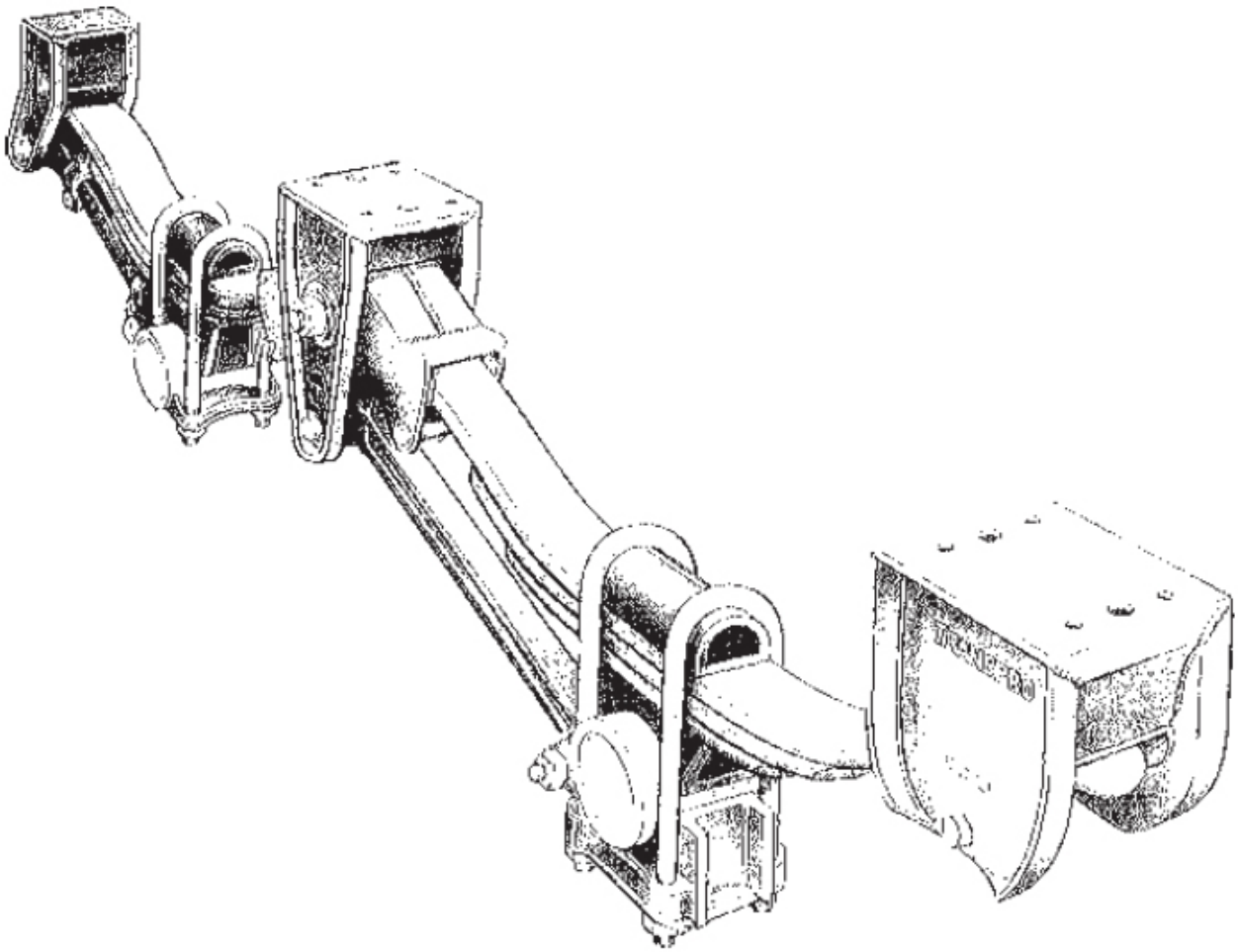


Assembly	Screw :	Item	Max / Min Centres mm
TL-13-324-206145-MAL	TL-13-324-017758-MAL	16	378 / 327
TL-13-324-206146-MAL	TL-13-324-019394-MAL	16	406 / 349
TL-13-324-206144-MAL	TL-13-324-016124-MAL	16	438 / 381
TL-13-324-206039-MAL	TL-13-324-016126-MAL	16	498 / 441
TL-13-324-206143-MAL	TL-13-324-016433-MAL	16	562 / 502
TL-13-324-206147-MAL	TL-13-324-018359-MAL	16	648 / 584

Manufacturers' and other wholesalers' part numbers used in this catalogue are for cross reference purposes only and do not imply anything about the origin or manufacturer of the product

Reyco Model 88 Series Suspension

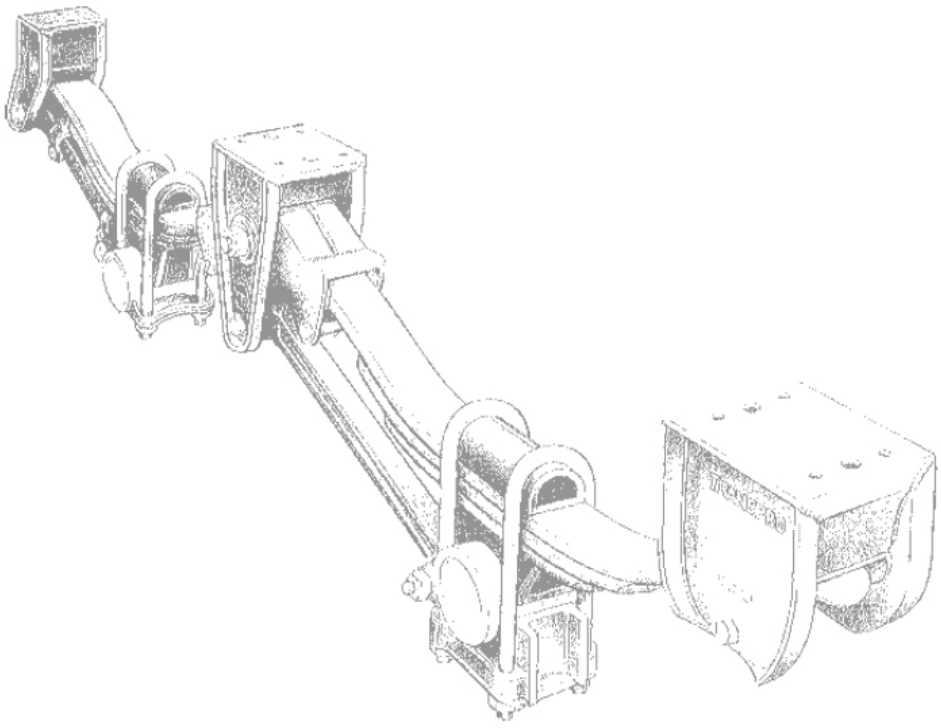
REYCO®



Reyco 8860 - Tandem Suspension Packing List

REYCO®

Part No:	Item	Description	Quantity
TL-13-324-008400	1	Front hanger, under mount	2
TL-13-324-084200	2	Equalizer hanger, under mount	2
TL-13-324-008600	3	Rear hanger, under mount	2
TL-13-324-084100	4	Equalizer beam assembly	2
TL-13-324-000114	6	Equalizer bolt, 1” - 14 x 6½”	2
TL-13-324-027401	7	Flanged locknut, 1” - 14	2
TL-13-324-000108	8	Torque arm bolt, 7/8” - 14 x 5¼”	8
TL-13-324-000212	9	Flanged locknut, 7/8” - 14	24
TL-13-324-000104	10	Hex head cap screw, 5/8” - 18 x 4½”	4
TL-13-324-000102	11	Hex head cap screw, 5/8” - 18 x 5 1/8”	2
TL-13-324-074101	12	Spring roller	4
TL-13-324-000207	13	Locknut, 5/8” - 18	6
TL-13-324-007814	15	U-bolt, 14”	4
TL-13-324-078145	15	U-bolt, 14½”	4
TL-13-324-007700	16	Top plate, inverted u-bolts, all axles	4
TL-13-324-017801	18	8 leaf spring - high arch	4
TL-13-324-063602	19	Axle spring seat, 2”	2
TL-13-324-063603	19	Axle spring seat, 3”	2
TL-13-324-088000	20	Bottom plate, inverted u-bolts, 5” dia. axle	4
TL-13-324-007520	21	Rigid torque arm, 19 7/8”	1
TL-13-324-103525	*23	Adjustable torque arm, 25½”	2
TL-13-324-103520	*23	Adjustable torque arm, 19 7/8”	1

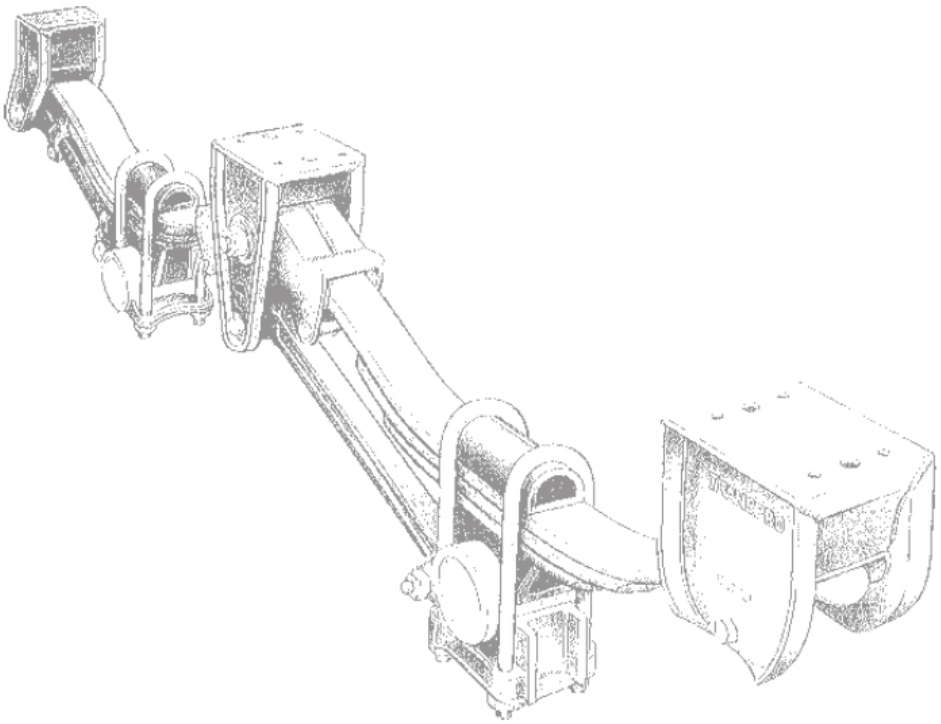


Manufacturers’ and other wholesalers’ part numbers used in this catalogue are for cross reference purposes only and do not imply anything about the origin or manufacturer of the product

Reyco 8854 - Tri-axle Suspension Packing List

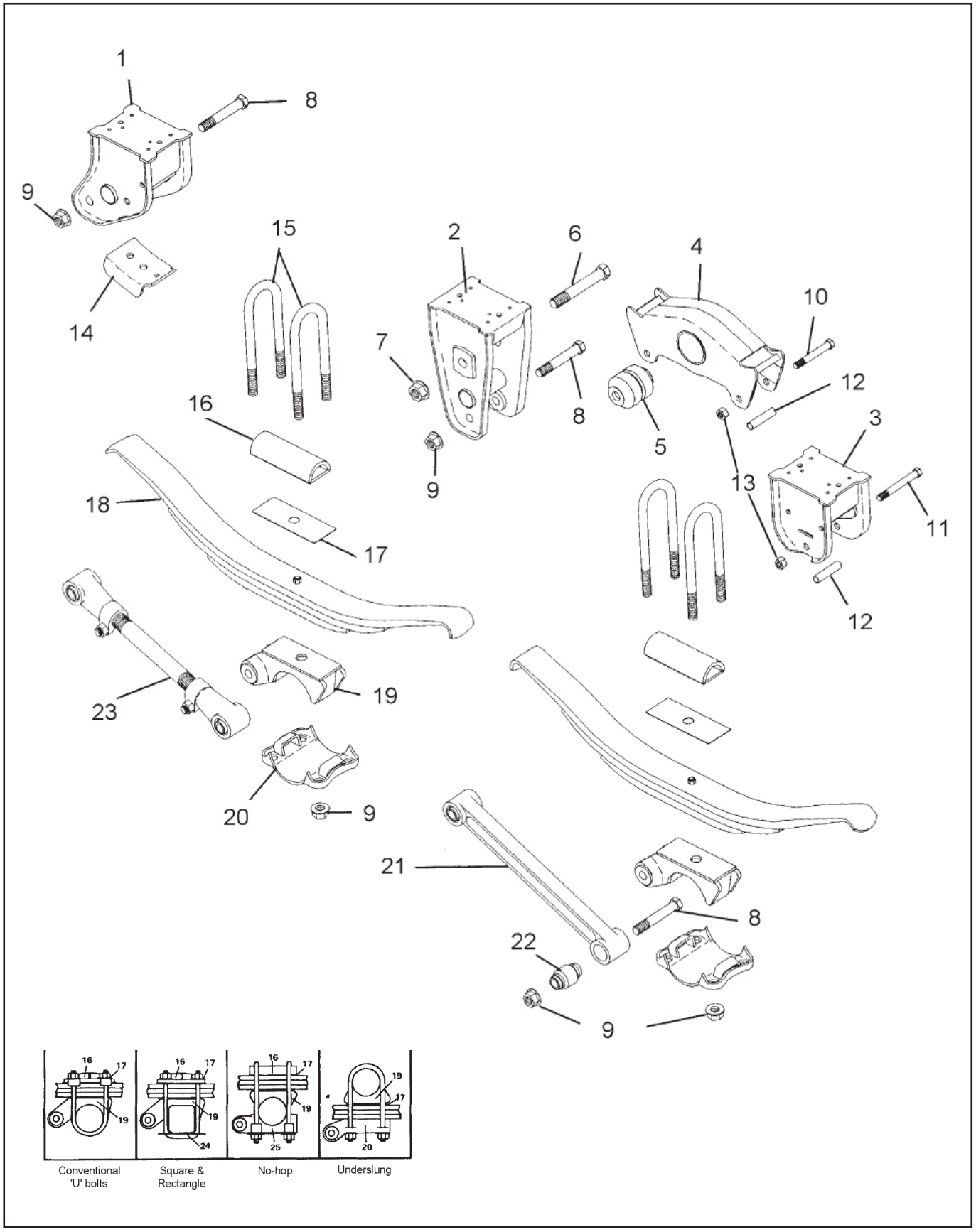
REYCO®

Part No:	Item	Description	Quantity
TL-13-324-008400	1	Front hanger, under mount	2
TL-13-324-158500	2	Equalizer hanger & beam assembly	4
TL-13-324-008600	3	Rear hanger, under mount	2
TL-13-324-000114	6	Equalizer bolt, 1” - 14 x 6½”	4
TL-13-324-027401	7	Flanged locknut, 1” - 14	4
TL-13-324-000108	8	Torque arm bolt, 7/8” - 14 x 5¼”	12
TL-13-324-000212	9	Flanged locknut, 7/8” - 14	36
TL-13-324-000104	10	Hex head cap screw, 5/8” - 18 x 4½”	8
TL-13-324-000102	11	Hex head cap screw, 5/8” - 18 x 5 1/8”	2
TL-13-324-074101	12	Equlizer spring roller	8
TL-13-324-074102	12	Rear hanger spring roller	2
TL-13-324-000207	13	Locknut, 5/8” - 18	10
TL-13-324-007814	15	U-bolt, 14”	4
TL-13-324-078145	15	U-bolt, 14½”	4
TL-13-324-007815	15	U-bolt, 15”	4
TL-13-324-007700	16	Top plate, inverted u-bolts, all axles	6
TL-13-324-030000	18	8 leaf spring - high arch	4
TL-13-324-030000	18	8 leaf spring - high TL-13-324-063602 19 Axle spring seat, 2”	2
TL-13-324-636025	19	Axle spring seat, 2½”	2
TL-13-324-063603	19	Axle spring seat, 3”	2
TL-13-324-088000	20	Bottom plate, inverted u-bolts, 5” dia. axle	6
TL-13-324-007520	21	Rigid torque arm, 19 7/8”	1
TL-13-324-067800	21	Rigid torque arm, 22¾”	2
TL-13-324-103523	*23	Adjustable torque arm, 22¾”	2
TL-13-324-103520	*23	Adjustable torque arm, 19 7/8”	1



Reyco Model 88 Series

REYCO®



Manufacturers' and other wholesalers' part numbers used in this catalogue are for cross reference purposes only and do not imply anything about the origin or manufacturer of the product

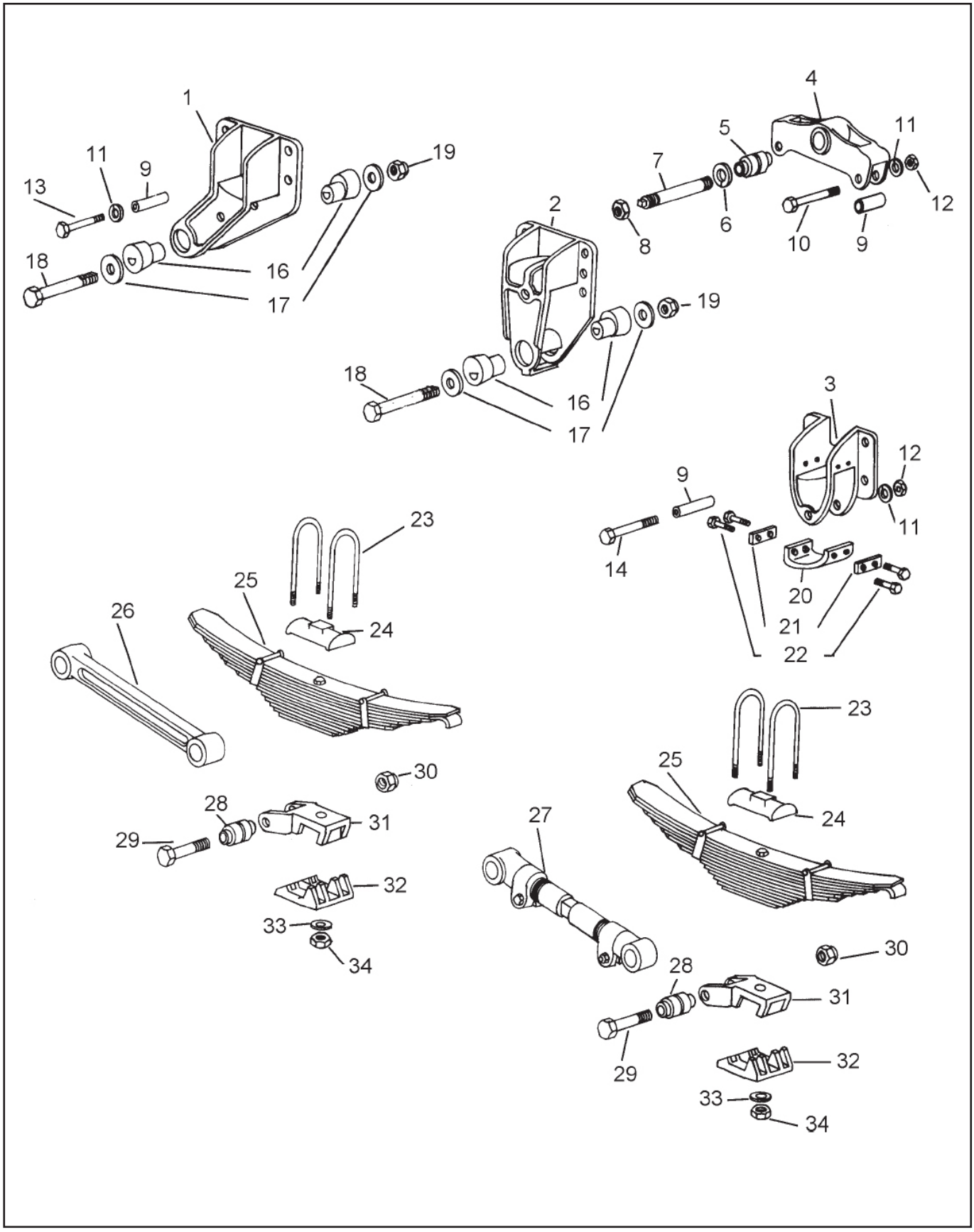
Reyco Model 88 Series - Part List

REYCO

Part No:	Item	Description
TL-13-324-004620	1	Front hanger, straddle mount
TL-13-324-008400	1	Front hanger, under mount
TL-13-324-040001	1	Front hanger, flange mount, left (1 req'd)
TL-13-324-040002	1	Front hanger, flange mount, right (1 req'd)
TL-13-324-089401	1	Front hanger, side mount, left (1 req'd)
TL-13-324-089402	1	Front hanger, side mount, right (1 req'd)
TL-13-324-006220	2	Equalizer hanger, straddle mount
TL-13-324-008820	2	Equalizer hanger, under mount
TL-13-324-040100	2	Equalizer hanger, flange mount
TL-13-324-089300	2	Equalizer hanger, side mount
TL-13-324-005120	3	Rear hanger, straddle mount
TL-13-324-008600	3	Rear hanger, under mount
TL-13-324-031301	3	Rear hanger, flange mount, left (1 req'd)
TL-13-324-031302	3	Rear hanger, flange mount, right (1 req'd)
TL-13-324-095201	3	Rear hanger, side mount, left (1 req'd)
TL-13-324-095202	3	Rear hanger, side mount, right (1 req'd)
TL-13-324-065000	4	Equalizer beam assembly
TL-13-324-064902	5	Equalizer bushing (included with item 4)
TL-13-324-000114	6	Equalizer bolt, 1" - 14 x 6½"
TL-13-324-027401	7	Flanged locknut, 1" - 14
TL-13-324-000108	8	Torque arm bolt, 7/8" -14 x 5¼"
TL-13-324-000212	9	Flanged locknut, 7/8" - 14
TL-13-324-000104	10	Hex head cap screw, 5/8" - 14 x 4½"
TL-13-324-000102	11	Hex head cap screw, 5/8" - 18 x 5 1/8"
TL-13-324-074101	12	Spring roller
TL-13-324-000207	13	Locknut, 5/8" - 18
TL-13-324-004500	14	Replaceable wear pad (included with items 1 & 3)
TL-13-324-007814	15	U-bolt, 14"
TL-13-324-078145	15	U-bolt, 14½"
TL-13-324-007815	15	U-bolt, 15"
TL-13-324-007700	16	Top plate, inverted u-bolts, all axles
TL-13-324-046400	16	Top plate, conventional u-bolts, 5" dia. axle
TL-13-324-0T1734	16	Top plate, conventional u-bolts, 5" x 5" axle
TL-13-324-0T4069	16	Top plate, conventional u-bolts, 4" x 6" axle
TL-13-324-037500	17	Delrin liner (1 & 3 leaf springs)
TL-13-324-017801	18	8 leaf spring
TL-13-324-063602	19	Axle spring seat, 2"
TL-13-324-636025	19	Axle spring seat, 2½"
TL-13-324-063603	19	Axle spring seat, 3"
TL-13-324-088000	20	Bottom plate, inverted u-bolts, 5" dia. axle
TL-13-324-014900	20	Bottom plate, inverted u-bolts, 5" x 5" axle
TL-13-324-015000	20	Bottom plate, inverted u-bolts, 4" x 6" axle
TL-13-324-050800	20	Bottom plate, underslung 5" dia. & 5" x 5" axle (1 leaf spring)
TL-13-324-085800	20	Bottom plate, underslung, 5" dia. & 5" x 5" axle (3 & 8 leaf spring)
TL-13-324-007520	21	Rigid torque arm
TL-13-324-002200	22	Torque arm bushing (included with items 21 & 23)
TL-13-324-103520	*23	Adjustable torque arm
TL-13-324-012800	24	U-bolt clip, conventional u-bolts, 5" x 5" axle
TL-13-324-012700	24	U-bolt clip, conventional u-bolts, 4" x 6" axle
TL-13-324-041500	25	Stabilizer, 5" dia. axle
TL-13-324-041600	25	Stabilizer, 5" x 5" axle
TL-13-324-041700	25	Stabilizer, 4" x 6" axle

Reyco Model 102W

REYCO®

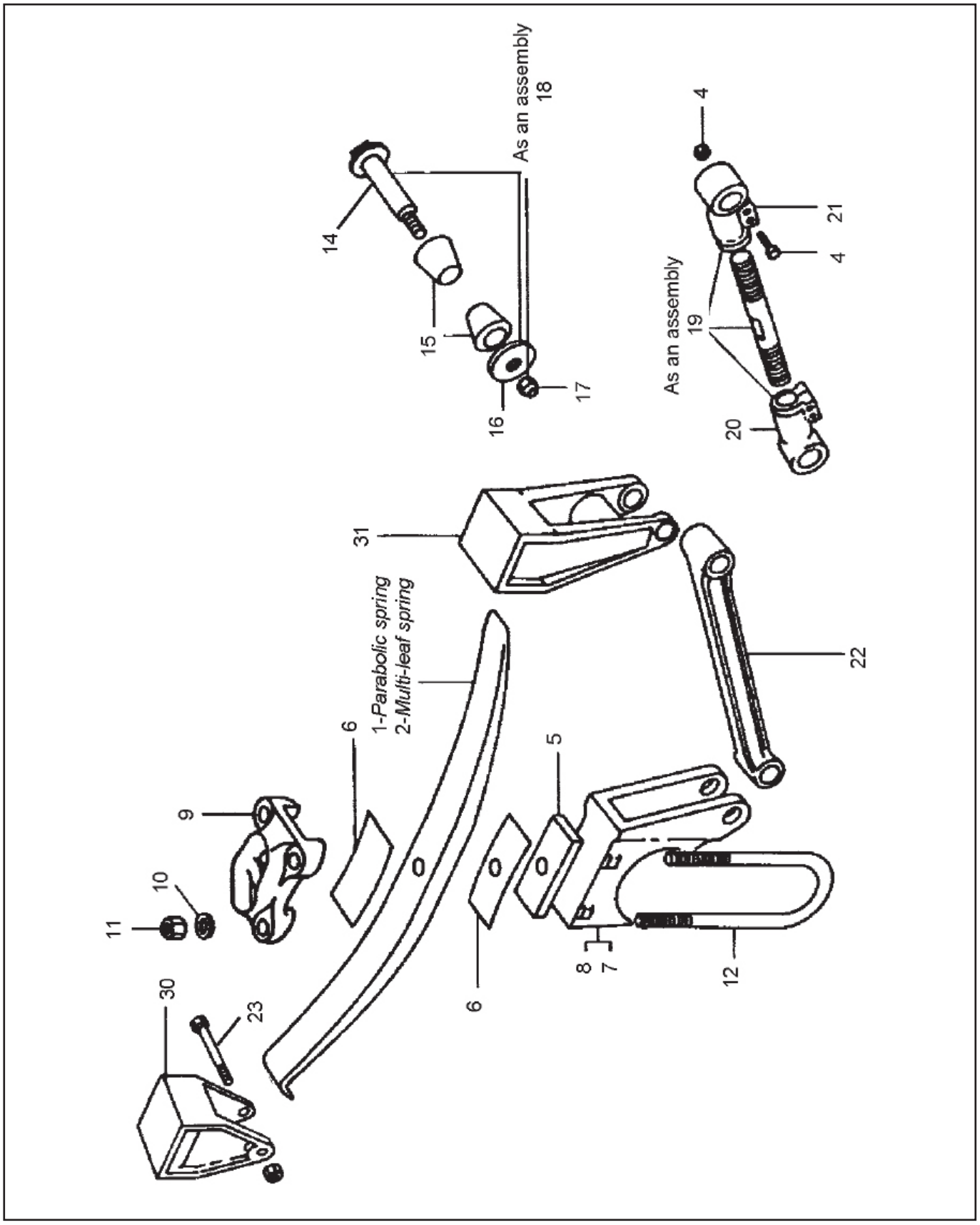


Manufacturers' and other wholesalers' part numbers used in this catalogue are for cross reference purposes only and do not imply anything about the origin or manufacturer of the product

Reyco Model 102W - Part List

Part No:	Item	Description
TL-13-324-010501	*1	Front hanger, LH, standard drill
TL-13-324-018501	*1	Front hanger, LH, undrilled
TL-13-324-010601	*1	Front hanger, RH, standard drill
TL-13-324-018401	*1	Front hanger, RH, undrilled
TL-13-324-010701	*2	Equalizer hanger, standard drill
TL-13-324-018601	*2	Equalizer hanger, undrilled
TL-13-324-011101	*3	Rear hanger, LH, standard drill
TL-13-324-018901	*3	Rear hanger, LH, undrilled
TL-13-324-011001	*3	Rear hanger, RH, standard drill
TL-13-324-019001	*3	Rear hanger, RH, undrilled
TL-13-324-474301	4	Equalizer assembly (includes bushing, 50” & 52” axle spacing)
TL-13-324-479401	4	Equalizer assembly (includes bushing, 60” axle spacing)
TL-13-324-891801	4	Equalizer assembly (G.M., includes bushing)
TL-13-324-899601	4	Equalizer assembly (Ford, includes bushing)
TL-13-324-471301	5	Equalizer bushing
TL-13-324-891501	5	Equalizer bushing (G.M.)
TL-13-324-899501	5	Equalizer bushing (Ford)
TL-13-324-424601	6	Lockwasher, 1” spring type
TL-13-324-891301	6	Flat washer (G.M. & Ford, 4 req’d)
TL-13-324-868601	7	Equalizer shaft
TL-13-324-094901	7	Equalizer shaft (G.M. & Ford)
TL-13-324-868701	8	Hex nut, 1 7/16” - 2
TL-13-324-891401	8	Locknut, 1¼” - 12 (G.M. & Ford)
TL-13-324-0T2106	9	Spring roller 8
TL-13-324-0T5544	10	Hex head cap screw, ½’ - 20 x 4¾”
TL-13-324-0T1705	11	Lockwasher, ½”
TL-13-324-0T1704	12	Hex nut, ½” - 20
TL-13-324-0T3099	13	Hex head cap screw, ½” - 20 x 4½”
TL-13-324-0T5549	14	Hex head cap screw, ½” - 20 x 5½”
TL-13-324-972901	15	Bushing
TL-13-324-0T1842	16	Torque arm bushing
TL-13-324-0T1724	17	Compression washer, 1”
TL-13-324-0T1843	18	Torque arm bolt, 1” - 8 x 7 3/16”
TL-13-324-416901	19	Locknut, 1” - 8
TL-13-324-319501	20	Hanger wear pad
TL-13-324-0T7659	21	Hanger wear pad plate
TL-13-324-498801	22	Hex head cap screw, 3/8” self-tapping
TL-13-324-974601	23	U-bolt, ¾” dia. x 3” bend, length 16½”
TL-13-324-974901	23	U-bolt, ¾” dia. x 3” bend, length 17”
TL-13-324-867701	24	Top plate
TL-13-324-917501	25	Spring, 14 leaf
TL-13-324-101203	26	Rigid torque arm (52” axle spacing)
TL-13-324-093701	26	Rigid torque arm (50” axle spacing)
TL-13-324-205101	26	Rigid torque arm (60” axle spacing, fornt)
TL-13-324-412701	26	Rigid torque arm (60” axle spacing, rear)
TL-13-324-518601	*27	Adjustable torque arm (52” axle spacing)
TL-13-324-518701	*27	Adjustable torque arm (50” axle spacing)
TL-13-324-518601	*27	Adjustable torque arm (60” axle spacing, front)
TL-13-324-613501	*27	Adjustable torque arm (60” axle spacing, rear)
TL-13-324-972901	28	Torque arm bushing
TL-13-324-003301	29	Torque arm bolt, 7/8” - 9 x 5½”
TL-13-324-009201	30	Locknut, 7/8” - 9
	31	Axle seat (specify axle type & pinion angle)
	32	Bottom plate (specify axle type & pinion angle)
TL-13-324-0T5496	33	Flat washer, ¾”
TL-13-324-0T5497	34	Locknut, ¾” - 16

Phoenix Single Suspension



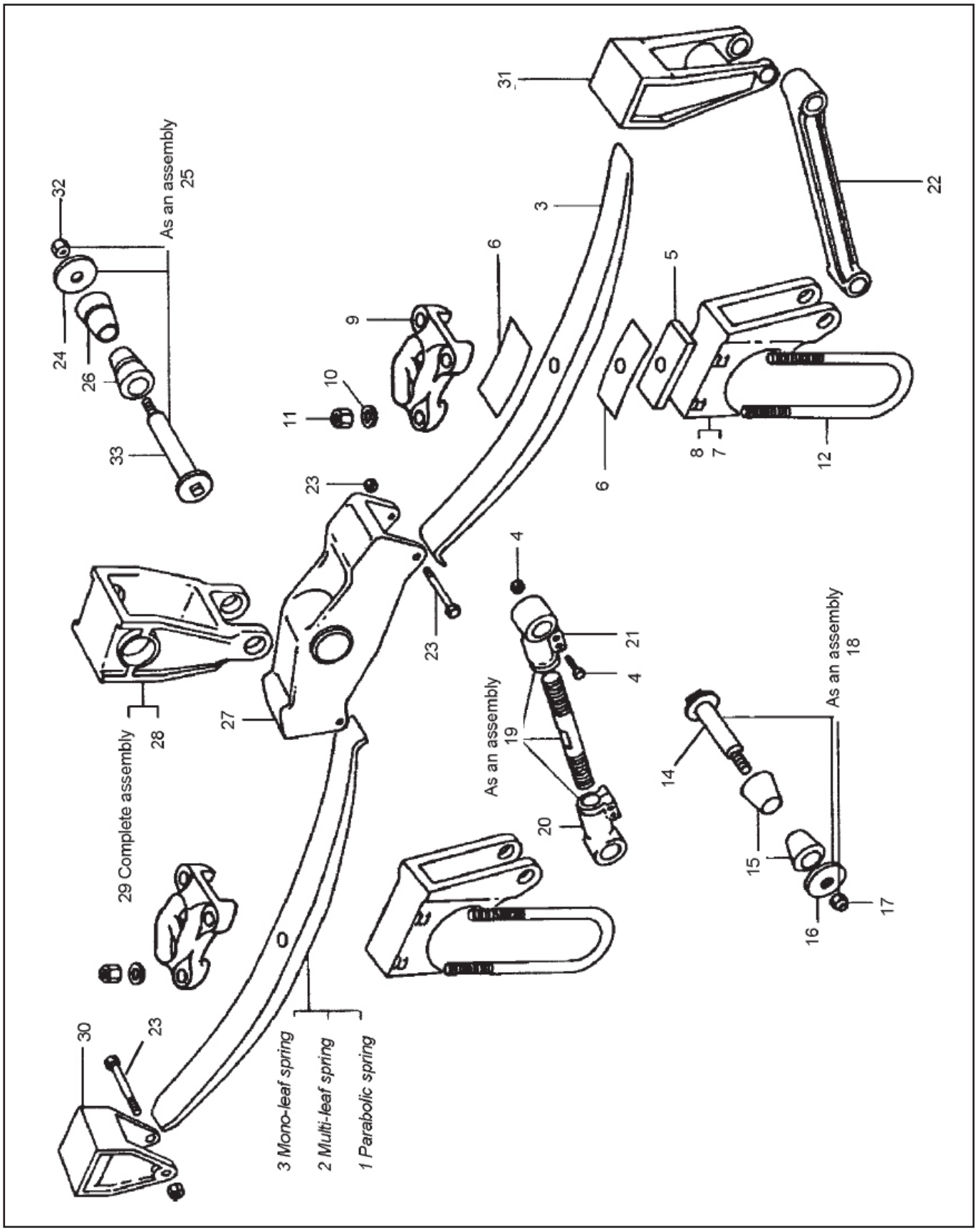
Manufacturers' and other wholesalers' part numbers used in this catalogue are for cross reference purposes only and do not imply anything about the origin or manufacturer of the product

Phoenix Single Suspension - Part List

	Part No:	Item	Description
60-3188-0000	TL-13-324-880000	1	Three leaf parabolic spring
60-3188-0090	TL-13-324-880090	2	Multi-leaf spring
60-3188-2251	TL-13-324-882251	4	Bolt & nut M12 x 60mm (torque arm end)
	n/a	5	Riser block (70mm)
60-3188-2154	TL-13-324-882154	7	Spring seat 93mm
60-3188-2153	TL-13-324-882153	8	Spring seat 68mm
60-3188-2140	TL-13-324-882140	9	Top plate
60-3188-2790	TL-13-324-882790	10	Washer 'U' bolt
60-3188-2170	TL-13-324-882170	11	'U' bolt nut, Imperial
60-3188-1990	TL-13-324-881990	11	'U' bolt nut, Metric
60-3188-2162	TL-13-324-882162	12	'U' bolt 17" universal, Metric
60-3188-2161	TL-13-324-882161	12	'U' bolt 16" universal, Metric
60-3188-2160	TL-13-324-882160	12	'U' bolt 15" universal, Metric
60-3188-2164	TL-13-324-882164	12	'U' bolt 14" universal, Metric
60-3188-2166	TL-13-324-882166	12	'U' bolt 17½" universal, Metric
60-3188-3010	TL-13-324-883010	14†	Torque arm pin
60-3188-2760	TL-13-324-882760	15	Torque arm bush
60-3188-2771	TL-13-324-882771	16†	Washer - torque arm bolt
60-3188-2803	TL-13-324-882803	17†	Locknut - torque arm bolt
60-3188-2770	TL-13-324-882770	18	Torque arm bolt assembly
60-3188-2254	TL-13-324-882254	19	Adjustable torque arm assembly - short
60-3188-2255	TL-13-324-882255	19	Adjustable torque arm assembly - long
60-3188-3400	TL-13-324-883400	19	Adjustable torque arm screw - short (464mm)
60-3188-4150	TL-13-324-884150	19	Adjustable torque arm screw - long (549mm)
60-3188-2253	TL-13-324-882253	20	Torque arm end LH
60-3188-2252	TL-13-324-882252	21	Torque arm end RH
60-3188-2202	TL-13-324-882202	22	Rigid torque arm - long (549mm)
60-3188-2203	TL-13-324-882203	22	Rigid torque arm - short (464mm)
60-3188-2130	TL-13-324-882130	23	Bolt c/w locknut
60-3188-2070	TL-13-324-882070	30	Rear hanger bracket
60-3188-2035	TL-13-324-882035	31	Front hanger bracket
60-3188-2803	TL-13-324-882803	32	Nut equalizer bolt

note:- † - items included in item 18
n/a - not available

Phoenix Tandem Suspension



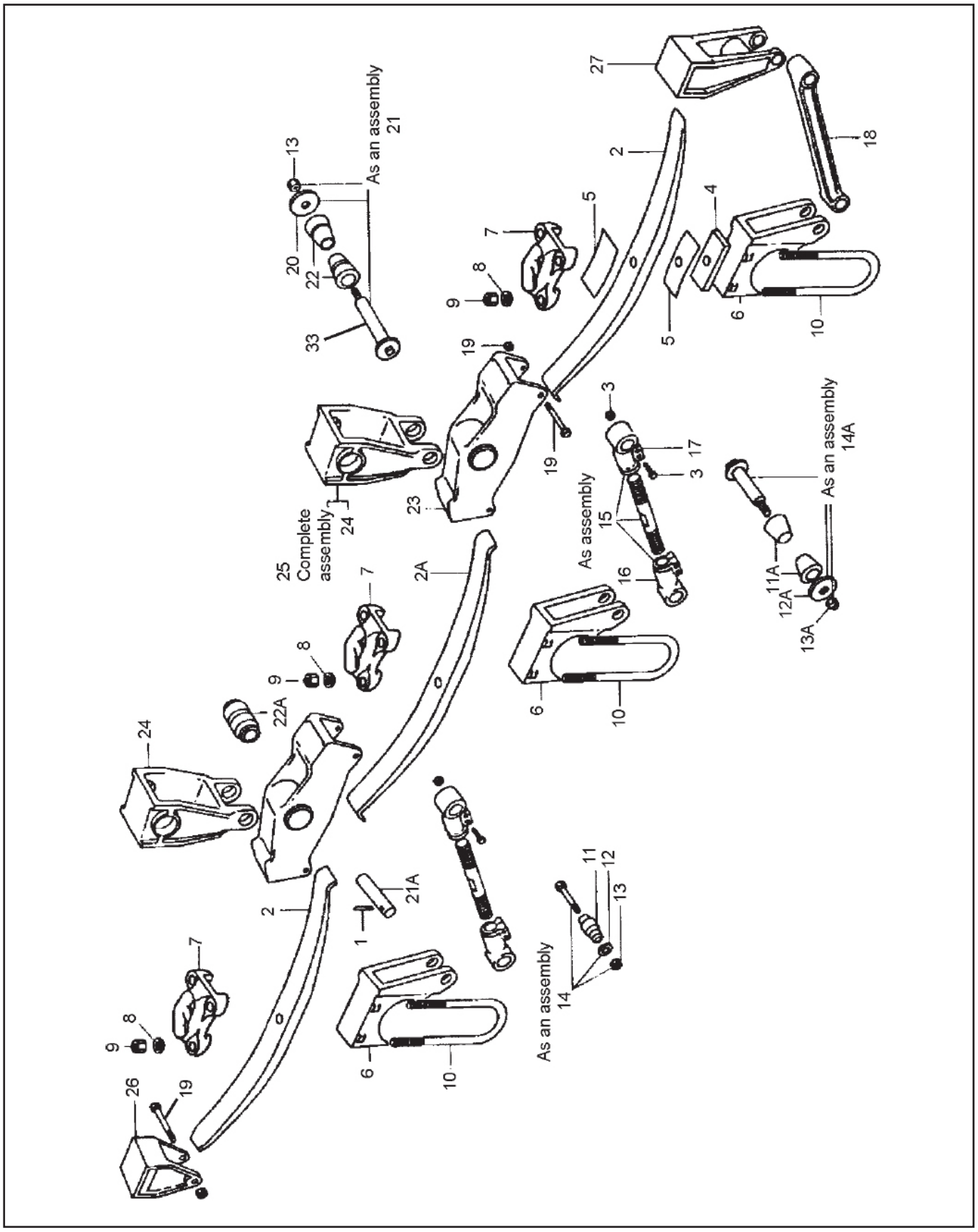
Manufacturers' and other wholesalers' part numbers used in this catalogue are for cross reference purposes only and do not imply anything about the origin or manufacturer of the product

Phoenix Tandem Suspension - Part List

Part No:	Item	Description
TL-13-324-880000	1	Three leaf parabolic spring
TL-13-324-880090	2	Multi-leaf spring
TL-13-324-882251	4	Bolt & nut M12 x 60mm (torque arm end)
n/a	5	Riser block (70mm)
TL-13-324-882154	7	Spring seat 93mm
TL-13-324-882153	8	Spring seat 68mm
TL-13-324-882140	9	Top plate
TL-13-324-882790	10	Washer 'U' bolt
TL-13-324-882170	11	'U' bolt nut, Imperial
TL-13-324-881990	11	'U' bolt nut, Metric
TL-13-324-882162	12	'U' bolt 17" universal, Metric
TL-13-324-882161	12	'U' bolt 16" universal, Metric
TL-13-324-882160	12	'U' bolt 15" universal, Metric
TL-13-324-882164	12	'U' bolt 14" universal, Metric
TL-13-324-882166	12	'U' bolt 17½" universal, Metric
TL-13-324-883010	14†	Torque arm pin
TL-13-324-882760	15	Torque arm bush
TL-13-324-882771	16†	Washer - torque arm bolt
TL-13-324-882803	17†	Locknut - torque arm bolt
TL-13-324-882770	18	Torque arm bolt assembly
TL-13-324-882254	19	Adjustable torque arm assembly - short
TL-13-324-882255	19	Adjustable torque arm assembly - long
TL-13-324-883400	19	Adjustable torque arm screw - short (464mm)
TL-13-324-884150	19	Adjustable torque arm screw - long (549mm)
TL-13-324-882253	20	Torque arm end LH
TL-13-324-882252	21	Torque arm end RH
TL-13-324-882202	22	Rigid torque arm - long
TL-13-324-882203	22	Rigid torque arm - short
TL-13-324-882130	23	Bolt c/w locknut
TL-13-324-882802	24‡	Washer (equalizer shaft)
TL-13-324-882801	25	Equalizer pinassembly
TL-13-324-882800	26	Equalizer bush
TL-13-324-882085	27	Equalizer (1525mm)
TL-13-324-882080	27	Equalizer (1360mm)
TL-13-324-882043	28	Equalizer bracket
TL-13-324-882097	29	Equalizer assembly (complete)
TL-13-324-882070	30	Rear hanger bracket
TL-13-324-882035	31	Front hanger bracket
TL-13-324-882803	32‡	Nut equalizer bolt
TL-13-324-883020	33‡	Equalizer pin

note:- † - items included in item 18
‡ - items included in item 25
n/a - not available

Phoenix Tri-Axle Suspension



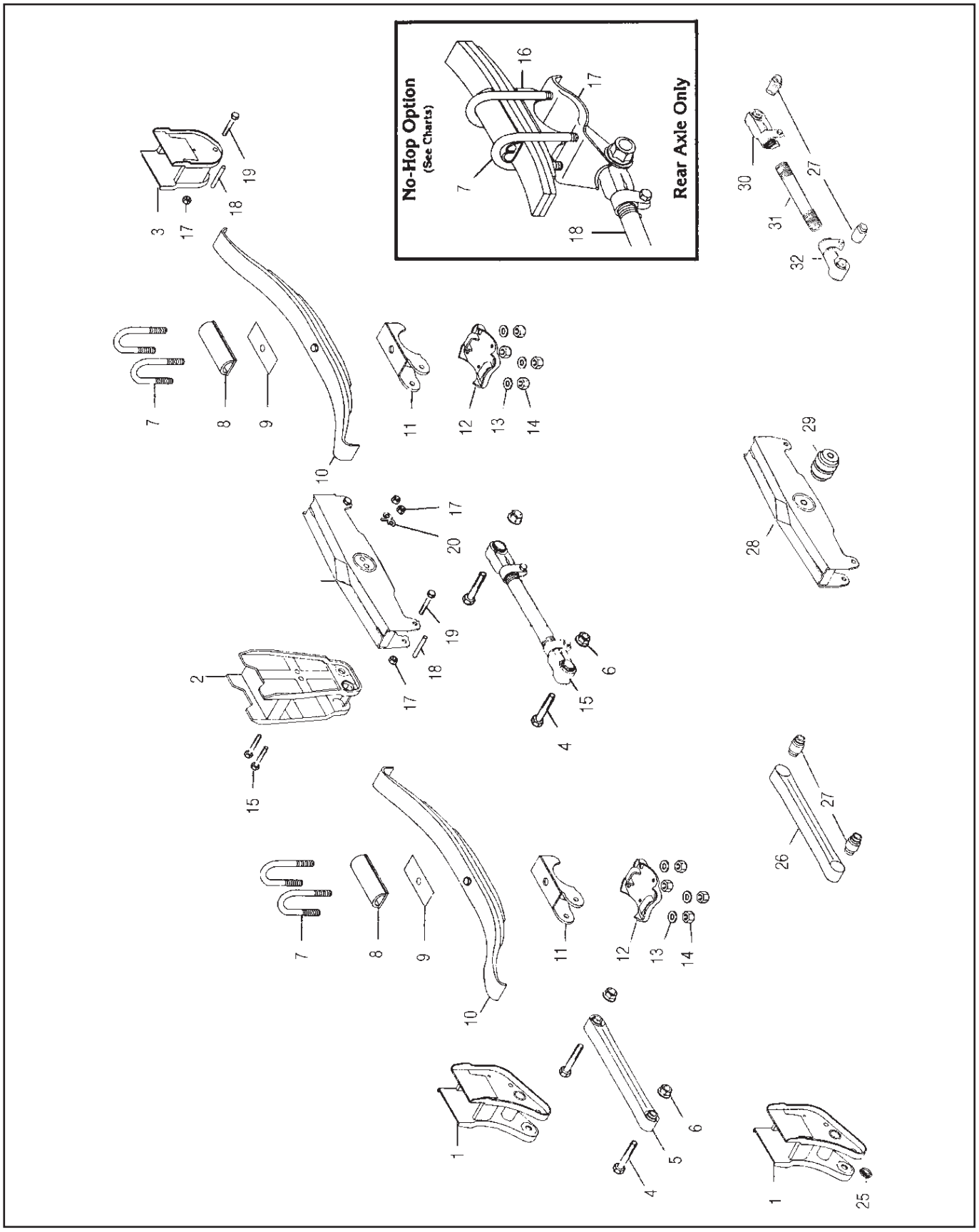
Manufacturers' and other wholesalers' part numbers used in this catalogue are for cross reference purposes only and do not imply anything about the origin or manufacturer of the product

Phoenix Tri-Axle Suspension - Part List

Part No:	Item	Description
TL-13-324-882965	2	Mono leaf spring - front & rear
TL-13-324-882975	2	3 leaf parabolic spring - front & rear (1197mm)
TL-13-324-882976	2	3 leaf parabolic spring - front & rear (1152mm)
TL-13-324-880090	2	Multi-leaf spring - front & rear
TL-13-324-882970	2	A Mono-leaf spring - centre
TL-13-324-882980	2	A 3 leaf parabolic spring centre (1195mm)
TL-13-324-882977	2	A 3 leaf parabolic spring centre (1128mm)
TL-13-324-880011	2	A Multi-leaf spring - centre
TL-13-324-882251	3	Clamp bolt & nut torque arm end
n/a	4	Riser block (70mm)
TL-13-324-882772	5	Delrin liners (pair)
TL-13-324-882154	6	Spring seat (93mm)
TL-13-324-882153	6	Spring seat (68mm)
TL-13-324-882140	7	Spring top plate
TL-13-324-882790	8	'U' bolt washer
TL-13-324-882170	9	'U' bolt nut, Imperial
TL-13-324-881990	9	'U' bolt nut, Metric
TL-13-324-882162	10	Universal 'U' bolt 17", Metric
TL-13-324-882164	10	Universal 'U' bolt 14", Metric
TL-13-324-882166	10	Universal 'U' bolt 17½", Metric
TL-13-324-882760	11	A Torque arm bush
TL-13-324-882771	12	A† Washer - torque arm bolt
TL-13-324-882803	13‡	Nut - equalizer bolt
TL-13-324-882803	13A†	Locknut - torque arm bolt
TL-13-324-882770	14A	Torque arm bolt assembly
TL-13-324-883010	14A†	Torque arm pin
TL-13-324-882254	15	Adjustable torque arm assembly - short
TL-13-324-882255	15	Adjustable torque arm assembly - long
TL-13-324-882253	16	Torque arm end LH
TL-13-324-882252	17	Torque arm end RH
TL-13-324-882202	18	Rigid torque arm - long
TL-13-324-882203	18	Rigid torque arm - short
TL-13-324-882130	19	Bolt c/w locknut
TL-13-324-882802	20‡	Washer for equalizer shaft assembly
TL-13-324-882801	21	Equalizer pin assembly
TL-13-324-882800	22	Equalizer bush (tapered)
TL-13-324-882085	23	Equalizer (1525mm)
TL-13-324-882080	23	Equalizer (1360mm)
TL-13-324-882043	24	Equalizer bracket
TL-13-324-882097	25	Equalizer assembly (complete)
TL-13-324-882070	26	Rear hanger bracket
TL-13-324-882035	27	Front hanger bracket
TL-13-324-883020	33‡	Equalizer pin

note:- † - items included in item 14A
‡ - items included in item 21
n/a - not available

Hutch Suspension - H & CH-7700 TWS 61, 67, 73 & 81



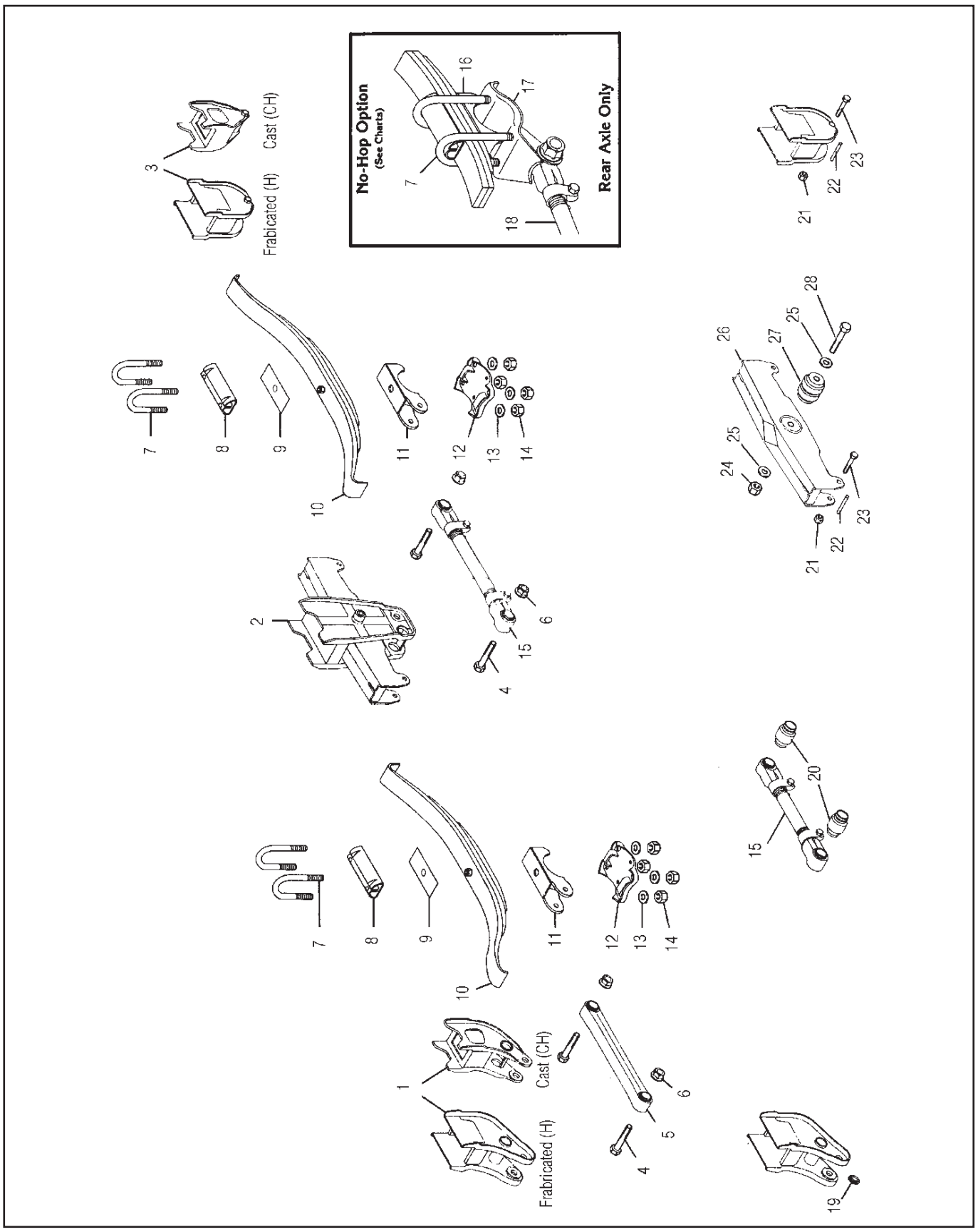
Manufacturers' and other wholesalers' part numbers used in this catalogue are for cross reference purposes only
and do not imply anything about the origin or manufacturer of the product

Hutch Suspension - H & CH-7700 TWS 61, 67, 73 & 81

Part No:	Item	Description
TL-13-324-770102	1	Front spring hanger, fabricated, under mount
TL-13-324-180119	2	Center equalizer hanger - cast, under mount
TL-13-324-770302	3	Rear spring hanger, fabricated, under mount
TL-13-324-071902	4	Torque arm bolt, hex bolt 1-14UNS x 5
TL-13-324-071500	5	Non-adj. torque arm w/ bushing - 19¼ lg. - front curbside (RH) only
TL-13-324-056200	6	Flange locknut, 1-14UNS
	7†	U-bolt
TL-13-324-702900	8	Top plate
TL-13-324-702502	9	Delrin liner
	10	Spring assy. - heavy duty 3 leaf shown
	11†	Spring seat - att., 5" rd. shown
	12†	Bottom plate - 5" rd. shown
TL-13-324-003500	13	Washer - pl, 15/16 ID x 1¾ OD
TL-13-324-003404	14	Hex nut - 7/8 14UNF
TL-13-324-701601	15	Step bolt - 5/8-18UNF x 0,750 x 6
TL-13-324-923902	16	Equalizer w/ rubber bushing 61" axle spacing
TL-13-324-923903	16	Equalizer w/ rubber bushing 67" axle spacing
TL-13-324-923904	16	Equalizer w/ rubber bushing 73" axle spacing
TL-13-324-923907	16	Equalizer w/ rubber bushing 81" axle spacing
TL-13-324-003703	17	Hex locknut - 5/8-18UNF
TL-13-324-075600	18	Sleeve spacer - ¾ OD x 18 ga. x 3¼
TL-13-324-075900	19	Hex bolt - 5/8-18UNF x 4½
TL-13-324-072900	20	Double washer - lock tab, 5/8
TL-13-324-071305	21	Adj. torque arm w/ bushing - 19¼ lg. - front roadside (LH) only
TL-13-324-071323	21	Adj. torque arm w/ bushing 23.5 lg. 61" axle spacing
TL-13-324-071325	21	Adj. torque arm w/ bushing 26.62 lg. 67" axle spacing
TL-13-324-071321	21	Adj. torque arm w/ bushing 29.62 lg. 73" axle spacing
TL-13-324-071315	21	Adj. torque arm w/ bushing 33.05 lg. 81" axle spacing
	22†	Adj. torque arm w/ bushing - replaces 2 adj. torque arms on rear axle only
	23†	Attach fitting - replace 2 bottom plates on rear axle only
	24†	Spring seat - replaces 2 spring seats on rear axle only
TL-13-324-771701	25	Washer bushing - replacement washer, fabricated (H) hangers only
TL-13-324-078102	26	Non-adj. torque arm w/o bushing - 19¼ lg.
TL-13-324-072200	27	Torque arm replacement bushing only - 3 lg.
TL-13-324-923802	28	Equalizer w/o bushing 61" axle spacing
TL-13-324-923803	28	Equalizer w/o bushing 67" axle spacing
TL-13-324-923804	28	Equalizer w/o bushing 73" axle spacing
TL-13-324-923807	28	Equalizer w/o bushing 81" axle spacing
TL-13-324-701000	29	Equalizer bushing - rubber
TL-13-324-071401	30	Eye end assy. w/ bushing - left hand threads
TL-13-324-071605	31	Torque arm screw - Zn, 14½ lg. for 19¼ torque arm 600-0001-41689
TL-13-324-071612	31	Torque arm screw - Zn, 18.25 lg. for 23.5 torque arm 600-0001-4169B
TL-13-324-071629	31	Torque arm screw - Zn, 21.50 lg. for 26.62 torque arm 600-0001-4169D
TL-13-324-071625	31	Torque arm screw - Zn, 24.50 lg. for 29.62 torque arm 600-0001-41699
TL-13-324-071621	31	Torque arm screw - Zn, 28.50 lg. for 33.50 torque arm 600-0001-41693
TL-13-324-071402	32	Eye end assy. w/ bushing - right hand threads

† - please refer to our sales representative for individual specifications

Hutch Suspension - H & CH-9700 TWS 61, 67, 73 & 81



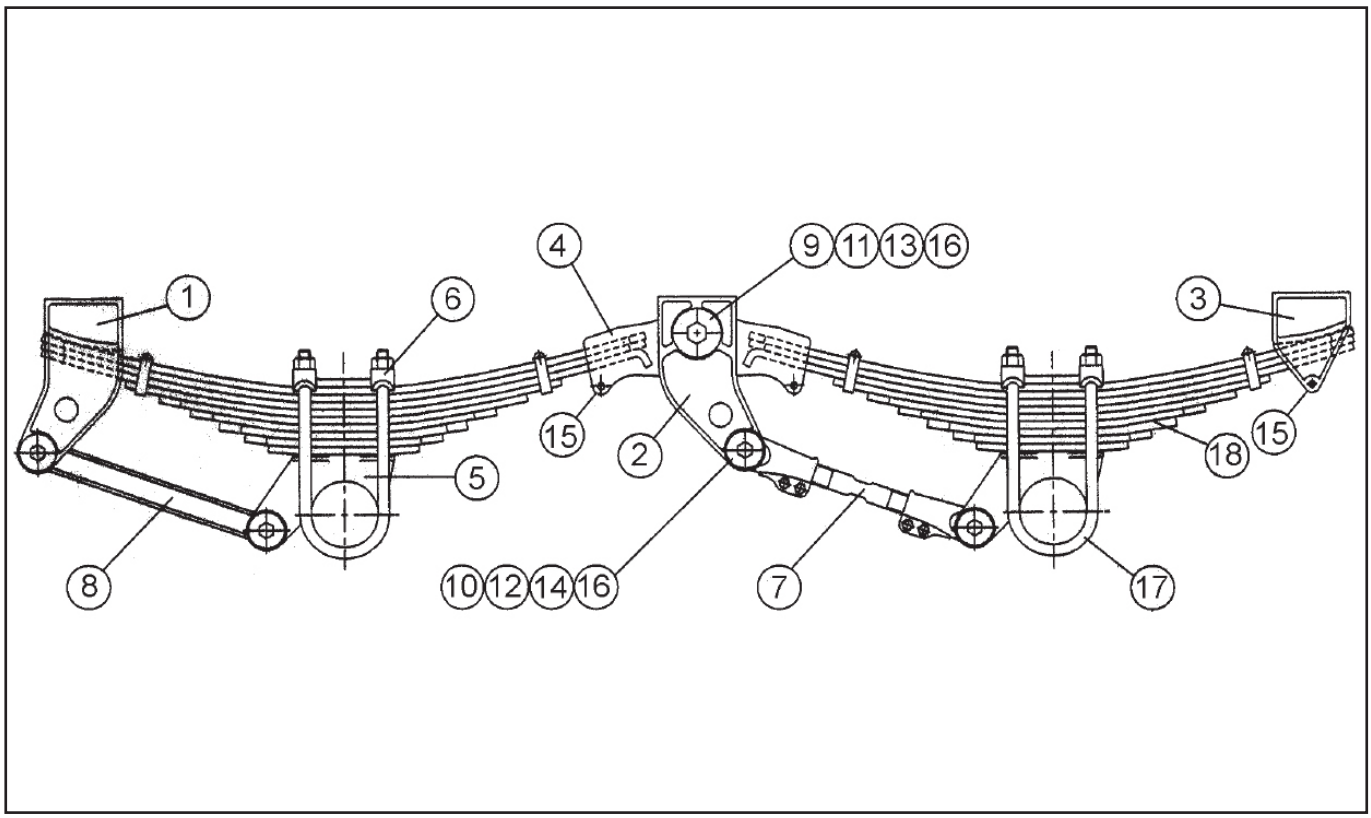
Manufacturers' and other wholesalers' part numbers used in this catalogue are for cross reference purposes only
and do not imply anything about the origin or manufacturer of the product

Hutch Suspension - H & CH-9700 TWS 61, 67, 73 & 81

Part No:	Item	Description
TL-13-324-770102	1	Front spring hanger, fabricated, under mount
TL-13-324-180119	2	Center rocker/rocker hanger assy. - cast
TL-13-324-770302	3	Rear spring hanger, fabricated, under mount
TL-13-324-071902	4	Rad. rod bolt - hex bolt - 1-14-UNS x 5
TL-13-324-071500	5	Non-adj. radius rod w/ bushing - 19.25 lg. - front curbside (RH) only
TL-13-324-056200	6	Flange locknut - 1-14UNS, gr. F & CAD pl.
	7	U-bolt - std. 0.875 U-bolt (shown)
TL-13-324-686801	8	Top plate
TL-13-324-705202	9	Delrin liner - 0.05 x 3 x 7½ w/ hole
	10†	Spring assy. - std. 3-leaf (shown)
	11†	Spring seat - 5” rd. (shown)
	12†	Bottom plate - 5” rd. (shown)
TL-13-324-003500	13	Washer - pl, 15/16 ID x 1¾ OD (for std. 0.875 U-bolt shown)
TL-13-324-081700	13	Washer - 1/8 x 13/16 ID x 1½ OD (for opt. 0.75 U-bolt)
TL-13-324-630301	14	Hex nut - 7/8”-14UNF (for std. 0.875 U-bolt shown)
TL-13-324-639801	14	Hex nut - ¾”-16UNF (for opt. 0.75 U-bolt)
TL-13-324-639804	15	Adj. rad. rod w/ bushing - 19.25 lg. - front roadside (LH) only
TL-13-324-639808	15	Adj. rad. rod w/ bushing - 23.50 lg. 61” axle spacing
TL-13-324-639810	15	Adj. rad. rod w/ bushing - 26.50 lg. 67” axle spacing
TL-13-324-639812	15	Adj. rad. rod w/ bushing - 29.25 lg. 73” axle spacing
TL-13-324-639814	15	Adj. rad. rod w/ bushing - 33.50 lg. 81” axle spacing
	16†	Spring seat - replaces rear spring seat only
	17†	Attach fitting - replaces rear bottom plate only
	18†	Adj. radius rod w/ bushing - replaces 2 adj. radius rods on rear axle only
TL-13-324-771701	19	Washer bushing - replaces sideplate washer 60-3605-6100 on fabricated (H) front and center hangers only
TL-13-324-072200	20	Radius rod bushing only - 3” lg.
TL-13-324-003703	21	Hex lock nut - 5/8-18UNF, gr B
TL-13-324-075600	22	Sleeve spacer - ¾ OD x 18GA x 3¼ lg.
TL-13-324-115400	24	Hex lock nut - 1 1/8-7UNC, gr 5
TL-13-324-083700	25	Washer - 1/8 x 1 ¼ ID x 2¼ OD
TL-13-324-616802	26	Fabricated rocker assy. w/ rubber bushing 61” axle spacing
TL-13-324-616803	26	Fabricated rocker assy. w/ rubber bushing 67” axle spacing
TL-13-324-616804	26	Fabricated rocker assy. w/ rubber bushing 73” axle spacing
TL-13-324-616807	26	Fabricated rocker assy. w/ rubber bushing 81” axle spacing
TL-13-324-614601	27	Rocker bushing only - rubber
TL-13-324-615001	28	Hex cap screw - 1 1/8” x 7 x 6.88” lg., gr 5

† - please refer to our sales representative for individual specifications

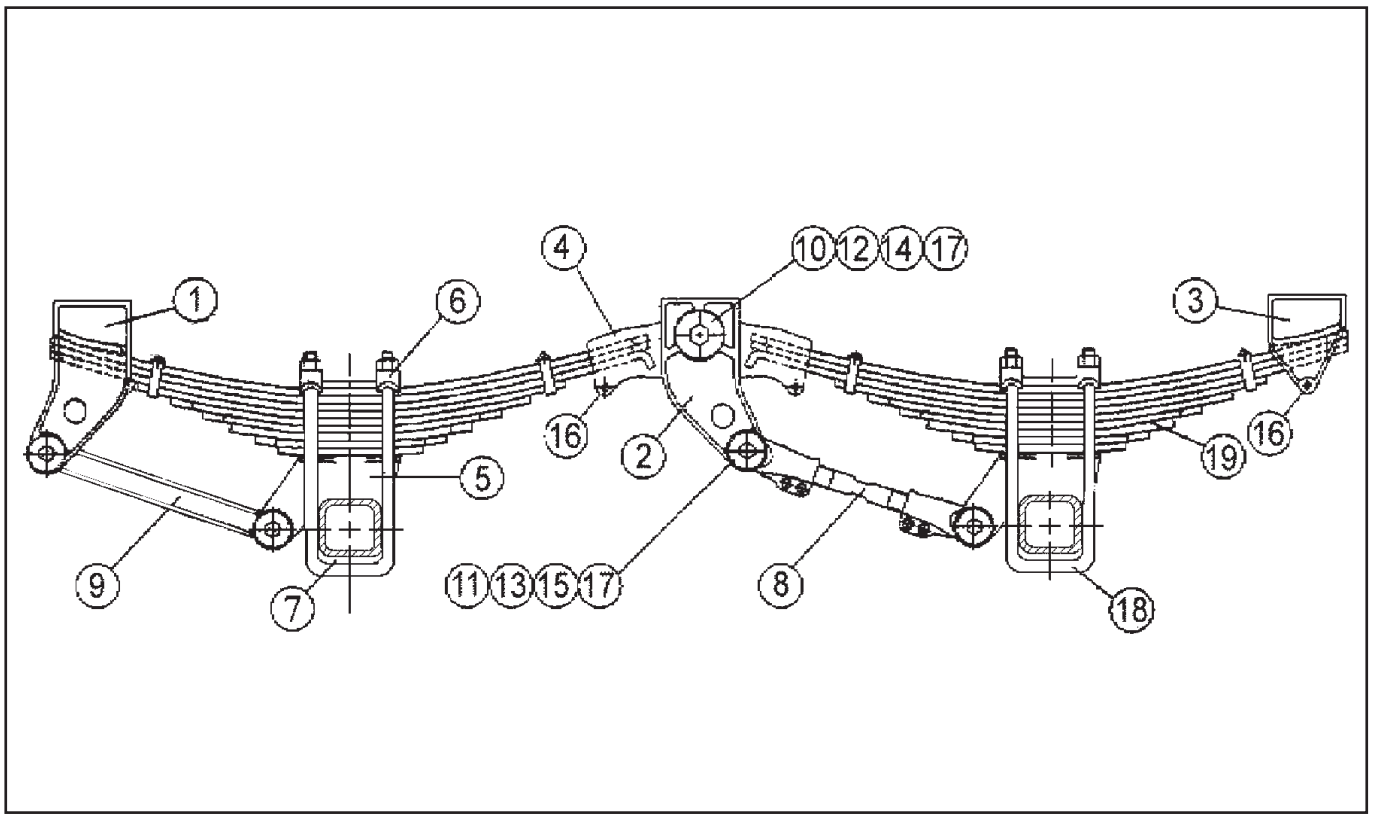
HTS-9 Suspension Part List - Round Axle



Part No:	Item	Description
TL-13-324-0H9011	1	Front hanger
TL-13-324-0H9013	2	Rocker hanger
TL-13-324-0H9015	3	Rear hanger
TL-13-324-0R9021	4a	Standard rocker
TL-13-324-0R9023	4b	Semi-widespread rocker
TL-13-324-0S9031	5a	Spring seat- 127 Rd. - low
TL-13-324-0S9032	5b	Spring seat- 127 Rd. - medium
TL-13-324-0S9033	5c	Spring seat- 127 Rd. - high
TL-13-324-0P9041	6	Clamp plate - 127mm
TL-13-324-061465	7a	Adjustable torque arm - 465mm
TL-13-324-061537	7b	Adjustable torque arm - 537mm
TL-13-324-063465	8a	Fixed torque arm - 465mm
TL-13-324-063537	8b	Fixed torque arm - 537mm
TL-13-324-0B9071	9	Rocker shaft
TL-13-324-0B9072	10	Torque arm bolt
TL-13-324-0B9073	11	Rocker washer
TL-13-324-0B9074	12	Torque arm washer
TL-13-324-0B9075	13	Rocker bush
TL-13-324-0B9076	14	Torque arm bush
TL-13-324-0B9078	15	M12x120 hex. bolt c/w nyloc nut
TL-13-324-0B9079	16	M24x3 Nyloc nut
TL-13-324-908101	17a	U-bolt 127 Rd. - 385mm
TL-13-324-908102	17b	U-bolt 127 Rd. - 410mm
TL-13-324-908103	17c	U-bolt 127 Rd. - 435mm
TL-13-324-MS9149	18	9-leaf spring

Manufacturers' and other wholesalers' part numbers used in this catalogue are for cross reference purposes only and do not imply anything about the origin or manufacturer of the product

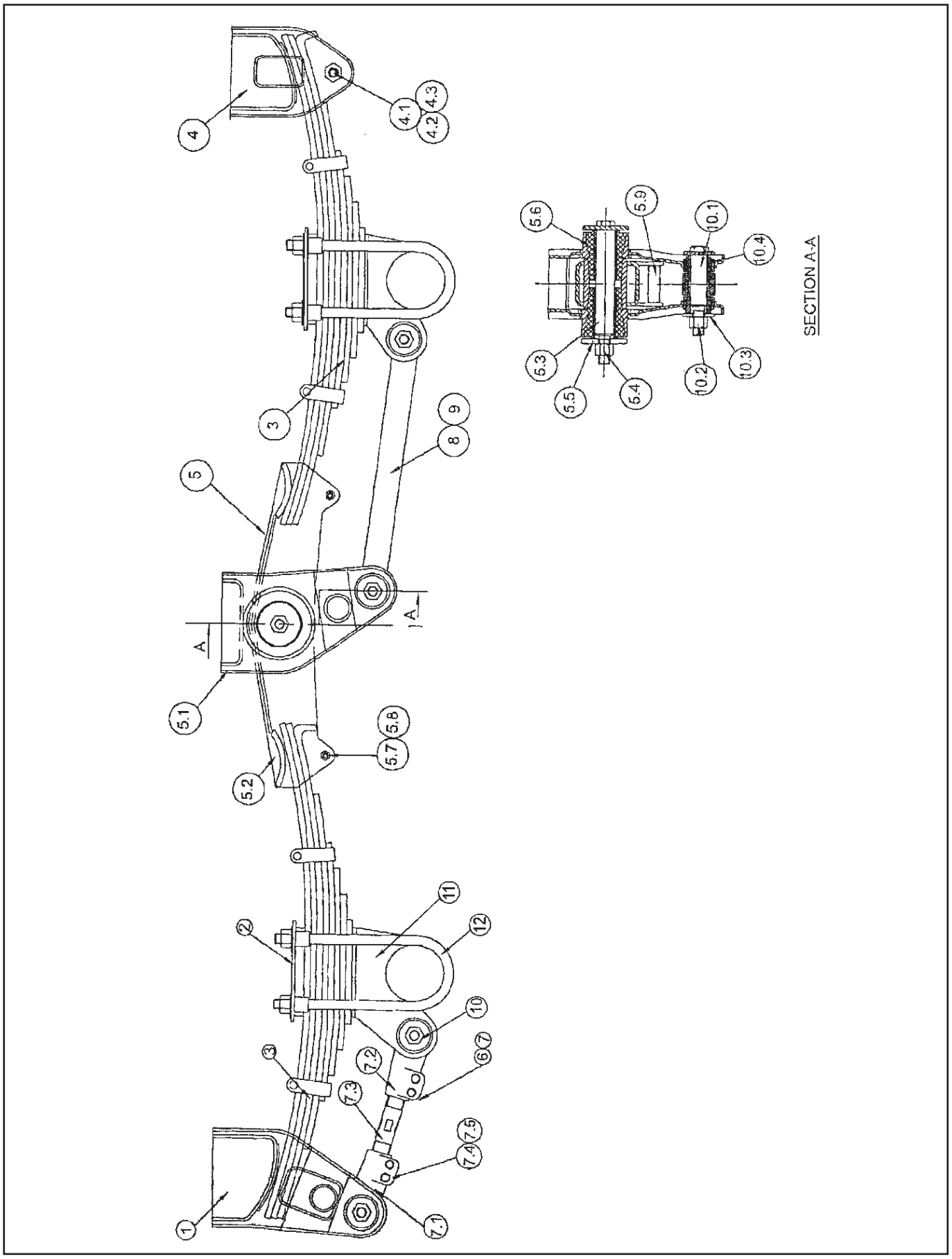
HTS-9 Suspension Part List - Square Axle



Part No:	Item	Description
TL-13-324-0H9011	1	Front hanger
TL-13-324-0H9013	2	Rocker hanger
TL-13-324-0H9015	3	Rear hanger
TL-13-324-0R9021	4a	Standard rocker
TL-13-324-0R9023	4b	Semi-widespread rocker
TL-13-324-0S9036	5a	Spring seat- 150 Sq. - low
TL-13-324-0S9037	5b	Spring seat- 150 Sq. - medium
TL-13-324-0S9038	5c	Spring seat- 150 Sq. - high
TL-13-324-0P9046	6	Clamp plate - 150mm
TL-13-324-0P9050	7	Bottom Plate - 150 Sq.
TL-13-324-061465	8a	Adjustable torque arm - 465mm
TL-13-324-061537	8b	Adjustable torque arm - 537mm
TL-13-324-063465	9a	Fixed torque arm - 465mm
TL-13-324-063537	9b	Fixed torque arm - 537mm
TL-13-324-0B9071	10	Rocker shaft
TL-13-324-0B9072	11	Torque arm bolt
TL-13-324-0B9073	12	Rocker washer
TL-13-324-0B9074	13	Torque arm washer
TL-13-324-0B9075	14	Rocker bush
TL-13-324-0B9076	15	Torque arm bush
TL-13-324-0B9078	16	M12x120 hex. bolt c/w nyloc nut
TL-13-324-0B9079	17	M24x3 Nyloc nut
TL-13-324-908601	18a	U-bolt 150 Sq. - 425mm
TL-13-324-908602	18b	U-bolt 150 Sq. - 450mm
TL-13-324-908603	18c	U-bolt 150 Sq. - 475mm
TL-13-324-MS9149	19	9-leaf spring

Manufacturers' and other wholesalers' part numbers used in this catalogue are for cross reference purposes only
and do not imply anything about the origin or manufacturer of the product

Fuwa Suspension



Manufacturers' and other wholesalers' part numbers used in this catalogue are for cross reference purposes only
and do not imply anything about the origin or manufacturer of the product

Fuwa Suspension Part List

Part No:	Item	Description
TL-13-324-600013	1	Front hanger
TL-13-324-600014	2	Spring clamp plate
TL-13-324-600002	3	Spring - 8 leaf
TL-13-324-600012	4	Rear hanger
TL-13-324-215120	4.1	M12 x 1.5 x 120 ht. hex bolt
TL-13-324-LN1215	4.2	Nylon locknut
TL-13-324-600032	4.3	M16 tube
TL-13-324-685007	5	Equaliser assembly (1537mm)
TL-13-324-600007	5.1	Equaliser hanger
TL-13-324-600025	5.2	Rocker (1537mm)
TL-13-324-600008	5.3	Rocker Shaft
TL-13-324-600016	5.4	Equaliser nut
TL-13-324-600010	5.5	Equaliser washer
TL-13-324-600011	5.6	Equaliser bush
TL-13-324-215120	5.7	M12 x 1.5 x 120 ht. hex bolt
TL-13-324-LN1215	5.8	Nylon locknut M12 x 1.5
TL-13-324-600032	5.9	M16 tube
TL-13-324-003405	6	Rigid torque arm (length - 405mm)
TL-13-324-001405	7	Adjustable torque arm (length - 405mm)
TL-13-324-600004	7.1	Torque arm end LH
TL-13-324-600005	7.2	Torque arm end RH
TL-13-324-006265	7.3	Torque arm screw
TL-13-324-121545	7.4	M12 x 1.5 x 45 ht. hex bolt
TL-13-324-LN1215	7.5	Nylon locknut M12 x 1.5
TL-13-324-003560	8	Rigid torque arm (length - 560mm)
TL-13-324-001560	9	Adjustable torque arm (length - 560mm)
TL-13-324-600004	9.1	Torque arm end LH
TL-13-324-600005	9.2	Torque arm end RH
TL-13-324-006420	9.3	Torque arm screw
TL-13-324-121545	9.4	M12 x 1.5 x 45 ht. hex bolt
TL-13-324-LN1215	9.5	Nylon locknut M12 x 1.5
TL-13-324-685003	10	Pin assembly
TL-13-324-600015	10.1	Torque arm bolt
TL-13-324-600016	10.2	Torque arm nut
TL-13-324-600017	10.3	Torque arm washer
TL-13-324-600018	10.4	Torque arm bush
TL-13-324-600021	11	Spring seat (high - 440mm)
TL-13-324-600020	11	Spring seat (medium - 415mm)
TL-13-324-600019	11	Spring seat (low - 390mm)
TL-13-324-004377	12	U-bolt (high)
TL-13-324-004352	12	U-bolt (medium)
TL-13-324-004327	12	U-bolt (low)