



PRODUCT CATALOGUE
JANUARY 2015





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HV2000 SHOCK ABSORBER RANGE

YEAR	MODEL/ SUS. TYPE	FRONT P/N	REAR P/N
CAT			
FRONT SUSPENSION			
2013 -	CT6 SERIES - PARABOLIC	HV2002	
REAR SUSPENSION			
2013 -	HENDRICKSON PRIMAAX		HV2010L
			HV2010R
DENNIS EAGLE			
FRONT SUSPENSION			
2013 / 2014	ELITE DUAL CONTROL 6X4	HV2023	
2015 -	DUAL CONTROL HENDRICKSON AIRBAG SUSPENSION	HV2039	
FREIGHTLINER			
FRONT SUSPENSION			
N/A	ARGOSY (LOWER MOUNTING STUD RUNNING FRONT TO BACK)	HV2006	
	ARGOSY (LOWER MOUNTING STUD RUNNING LEFT TO RIGHT)	HV2007	
	CENTURY CLASS, COLUMBIA (LOWER MOUNTING STUD RUNNING FRONT TO BACK)	HV2008	
	CENTURY CLASS, COLUMBIA (LOWER MOUNTING STUD RUNNING LEFT TO RIGHT)	HV2009	
	CORONADO (LOWER MOUNTING STUD RUNNING FRONT TO BACK)	HV2008	
	CORONADO RHS CUMMINS ENGINE ONLY (LOWER MOUNTING STUD RUNNING	HV2022	

NOTE: HV20XXL = LEFT HAND SIDE, HV20XXR = RIGHT HAND SIDE



YEAR	MODEL/ SUS. TYPE	FRONT P/N	REAR P/N
FREIGHTLINER (CONTINUED)			
REAR SUSPENSION			
N/A	AIRLINER		HV2003L
			HV2003R
2000 -	NEWAY AD246		HV2004L
			HV2004R
N/A	HENDRICKSON PRIMAAX		HV2010L
			HV2010R
INTERNATIONAL			
FRONT SUSPENSION			
N/A	EAGLE (9200, 9900)	HV2024	
REAR SUSPENSION			
N/A	NEWAY AD246		HV2004L
			HV2004R
	HENDRICKSON PRIMAAX		HV2010L
			HV2010R
IVECO			
FRONT SUSPENSION			
N/A	POWERSTAR 6300/ 6700 3 LEAF PARABOLIC	HV2027	
	POWERSTAR 6300/ 6700 MULTILEAF	HV2028	
2007	POWERSTAR 485 3-LEAF PARABOLIC	HV2034	

NOTE: HV20XXL = LEFT HAND SIDE, HV20XXR = RIGHT HAND SIDE



YEAR	MODEL/ SUS. TYPE	FRONT P/N	REAR P/N
IVECO (CONTINUED)			
REAR SUSPENSION			
N/A	HENDRICKSON HAS-4 SERIES (EXCEPT INBOARD SHOCK OPT)		HV2005
	HENDRICKSON PRIMAAX		HV2010L
			HV2010R
KENWORTH			
FRONT SUSPENSION			
1992 -	K-SERIES	HV2011*	
	T-SERIES		
	MULTILEAF/ PARABOLIC (EXCEPT SOME SAR MODELS)**		
*NOTE: EARLIER MODELS (UP TO APPROXIMATELY 1999) MAY REQUIRE STEER SHOCK HV2025. IF THE STATIC HEIGHT OF THE SHOCK IS GREATER THAN 590mm, THEN PART HV2025 MUST BE USED.			
**NOTE: HV2011 WILL FIT MOST SAR MODELS, HOWEVER THE SHOCK MUST BE FITTED UPSIDE DOWN TO ALLOW CLEARANCE FOR THE SIDE CHAMBER. PLEASE NOTE THAT SOME SAR MODELS HAVE INSUFFICIENT CLEARANCE FOR THE SIDE CHAMBER ALTOGETHER.			
REAR SUSPENSION			
N/A	AIRGLIDE 9" (DOUBLE STUD TYPE - SHOCKS MOUNTED OUTSIDE CHASSIS RAIL)		HV2020
	AIRGLIDE 10.5" (DOUBLE STUD TYPE - SHOCKS MOUNTED OUTSIDE CHASSIS RAIL)		HV2021
	HENDRICKSON HAS-4 SERIES (EXCEPT INBOARD SHOCK OPT)		HV2005
	KW6-60A (FWD REAR)		HV2013L
			HV2013R
KW6-60A (REAR REAR)		HV2012	
2000 -	NEWAY AD246/ 369		HV2004L
			HV2004R

NOTE: HV20XXL = LEFT HAND SIDE, HV20XXR = RIGHT HAND SIDE



YEAR	MODEL/ SUS. TYPE	FRONT P/N	REAR P/N
MACK			
FRONT SUSPENSION			
N/A	SUPERLINER (LOWER MOUNTING STUD RUNNING FRONT TO BACK)	HV2026	
	TITAN (LOWER MOUNTING STUD RUNNING FRONT TO BACK)	HV2026	
	TRIDENT - EYE/ EYE TYPE (LOWER MOUNTING STUD RUNNING FRONT TO BACK)	HV2026	
	TRIDENT - STUD/ EYE TYPE (STUD BASE/ EYE TOP)	HV2035	
	TRIDENT PARABOLIC (LOWER MOUNTING STUD RUNNING LEFT TO RIGHT)	HV2030	
	GRANITE - EYE/ EYE TYPE (LOWER MOUNTING STUD RUNNING FRONT TO BACK)	HV2026	
	METROLINER (LOWER MOUNTING STUD RUNNING FRONT TO BACK)	HV2032	
	CH PARABOLIC (LOWER MOUNTING STUD RUNNING LEFT TO RIGHT)	HV2030	
	VALUELINER PARABOLIC (LOWER MOUNTING STUD RUNNING LEFT TO RIGHT)	HV2030	
	VISION PARABOLIC (LOWER MOUNTING STUD RUNNING LEFT TO RIGHT)	HV2030	
REAR SUSPENSION			
N/A	HENDRICKSON PRIMAAX (MACK AP460)		HV2010L
			HV2010R
	HENDRICKSON HAS* (MACK AL460 VERSION)		HV2037
	HENDRICKSON HAS-4 SERIES* (EXCEPT INBOARD SHOCK OPTION)		HV2005
	MILXSTEEL SPRING SUSPENSION		HV2029
* PLEASE ENSURE THERE IS MINIMUM 150mm HORIZONTAL CLEARANCE BETWEEN THE CENTRE OF THE LOWER EYE BOLT (ON THE REAR AXLE SHOCK) AND THE TAILLIGHT BAR. IF THERE IS INSUFFICIENT CLEARANCE, THE SHOCK SIDE CHAMBER MAY FOUL ON THE TAILLIGHT BAR.			

NOTE: HV20XXL = LEFT HAND SIDE, HV20XXR = RIGHT HAND SIDE



YEAR	MODEL/ SUS. TYPE	FRONT P/N	REAR P/N
VOLVO			
FRONT SUSPENSION			
N/A	CAB OVER MODELS * (EXCEPT FMX MODEL)	HV2016	

*NOTE: HV2000 SHOCK MUST BE FITTED UPSIDE DOWN TO MOST MODELS TO ALLOW CLEARANCE FOR SIDE CHAMBER

WESTERN STAR			
FRONT SUSPENSION			
N/A	ALL MODELS* WITH: PARABOLIC/ MULTILEAF LOWER STUD RUNNING LEFT TO RIGHT EXCEPT: COE MODELS/ 4700, 5800, 6900 SERIES AND 4 X SHOCK STEER AXLE	HV2014	
*NOTE: SOME MODELS WITH BRAKE BOOSTERS FITTED TO THE REARWARD SIDE OF THE STEER AXLE INNER WHEEL HUB MAY HAVE CLEARANCE ISSUES WITH THIS SHOCK. IF THIS IS THE CASE, SHOCK HV2033 MUST BE USED. PLEASE CHECK YOUR SPECIFIC APPLICATION.			
2012 -	ALL MODELS WITH: PARABOLIC/ MULTILEAF LOWER STUD RUNNING FRONT TO BACK EXCEPT: COE MODELS/ 4700, 5800, 6900 SERIES AND 4 X SHOCK STEER AXLE	HV2008	
2014 -	5800/ 6900 SERIES	HV2038	
2014-	4700 SERIES (INCLUDING TWIN STEER)	HV2009	

REAR SUSPENSION			
N/A	NEWAY AD246/10 (WILL NOT FIT AD252)		HV2036L
			HV2036R
	HENDRICKSON PRIMAAX (8.5" & 10" OPTIONS)		HV2010L
			HV2010R

*NOTE: HV20XXL = LEFT HAND SIDE, HV20XXR = RIGHT HAND SIDE



YEAR	MODEL/ SUS. TYPE	FRONT P/N	REAR P/N
WESTERN STAR (CONTINUED)			
REAR SUSPENSION			
N/A	AIRLINER		HV2003L
			HV2003R
	HENDRICKSON HAS-4 SERIES* (EXCEPT INBOARD SHOCK OPT)		HV2005
* PLEASE ENSURE THERE IS MINIMUM 150mm HORIZONTAL CLEARANCE BETWEEN THE CENTRE OF THE LOWER EYE BOLT (ON THE REAR AXLE SHOCK) AND THE TAILLIGHT BAR. IF THERE IS INSUFFICIENT CLEARANCE, THE SHOCK SIDE CHAMBER MAY FOUL ON THE TAILLIGHT BAR.			
*NOTE: HV20XXL = LEFT HAND SIDE, HV20XXR = RIGHT HAND SIDE			

YEAR	MODEL/ SUS. TYPE	PART NUMBER	
TRAILER SHOCKS			
BPW			
OM / OT SERIES	SHOCK MOUNTED STRAIGHT (LONG SHOCK)*		HV2019L
			HV2019R
	SHOCK MOUNTED ON AN ANGLE (SHORT SHOCK)		HV2001

*HV2000 SHOCK MUST BE FITTED UPSIDE DOWN TO ALLOW CLEARANCE FOR SIDE CHAMBER

*NOTE: HV20XXL = LEFT HAND SIDE, HV200XXR = RIGHT HAND SIDE

CAB MOUNT SHOCKS			
KENWORTH			
N/A	CONVENTIONAL CAB SLEEPER OE EQUIVALENT 1202K064		CMS101
MACK			
2014 -	TITAN SLEEPER CAB SHOCK*		CMS102
*PANHARD ROD MAY NEED TO BE REMOVED TO ALLOW FITMENT OF SLEEPER CAB SHOCKS. AIR MAY ALSO NEED TO BE DRAINED TO ALLOW EASY COMPRESSION OF SHOCKS FOR FITMENT			



OE PART NUMBER REFERENCE CHART

PLEASE NOTE: This list is not an exhaustive list, and is intended as a guide only. Please check your specific application.

YEAR	MODEL/ SUS. TYPE	REDROO PART NUMBER	OE PART NUMBER
FREIGHTLINER FRONT SUSPENSION			
N/A	ARGOSY	HV2006 / HV2007	10-13211-000 10-13634-000
	CENTURY CLASS, COLUMBIA, CORONADO	HV2008 / HV2009 / HV2022	10-13211-000 10-13634-000 10-13063-000
IVECO FRONT SUSPENSION			
N/A	POWERSTAR6300/67003-LEAF	HV2027	97137446
	POWERSTAR 6300/ 6700 MULTILEAF	HV2028	97135133
KENWORTH FRONT SUSPENSION			
1992 -	K-SERIES T-SERIES MULTILEAF/ PARABOLIC (EXCEPT SOME SAR MODELS - CHECK YOUR APPLICATION AS PER CATALOGUE LISTING)	HV2011	90-2209SP2 90-2209SP3
MACK FRONT SUSPENSION			
N/A	SUPERLINER (LOWER MOUNTING STUD RUNNING FRONT TO BACK)	HV2026	21010744
	TITAN (LOWER MOUNTING STUD RUNNING FRONT TO BACK)	HV2026	21155033
	TRIDENT EYE/ EYE (LOWER MOUNTING STUD RUNNING FRONT TO BACK)	HV2026	21010744
	TRIDENT STUD/ EYE (STUD BASE/ EYE TOP)	HV2035	P623
	TRIDENT PARABOLIC (LOWER MOUNTING STUD RUNNING LEFT TO RIGHT)	HV2030	14QK392BM
	GRANITE EYE/ EYE (LOWER MOUNTING STUD RUNNING FRONT TO BACK)	HV2026	21010744
	METROLINER (LOWER MOUNTING STUD RUNNING FRONT TO BACK)	HV2032	21010744



OE PART NUMBER REFERENCE CHART

PLEASE NOTE: This list is not an exhaustive list, and is intended as a guide only.
Please check your specific application.

YEAR	MODEL/ SUS. TYPE	REDROO PART NUMBER	OE PART NUMBER
MACK FRONT SUSPENSION (CONTINUED)			
N/A	CH PARABOLIC (LOWER MOUNTING STUD RUNNING LEFT TO RIGHT)	HV2030	14QK392BM
	VALUELINER PARABOLIC (LOWER MOUNTING STUD RUNNING LEFT TO RIGHT)	HV2030	14QK392BM
	VISION PARABOLIC (LOWER MOUNTING STUD RUNNING LEFT TO RIGHT)	HV2030	14QK392BM
VOLVO FRONT SUSPENSION			
N/A	CAB OVER MODELS* (EXCEPT FMX MODEL)	HV2016	20374546 20374548
WESTERN STAR FRONT SUSPENSION			
N/A	ALL MODELS WITH: PARABOLIC/ MULTILEAF LOWER STUD RUNNING LEFT TO RIGHT EXCEPT: COE MODELS/ 4700, 5800, 6900 SERIES AND 4 X SHOCK STEER AXLE	HV2014/ HV2033	37390-4403 37390-4402 37390-4401 37301-3409 37301-3412
2012 -	ALL MODELS WITH: PARABOLIC/ MULTILEAF LOWER STUD RUNNING FRONT TO BACK EXCEPT: COE MODELS/ 4700, 5800, 6900 SERIES AND 4 X SHOCK STEER AXLE	HV2008	10-13809-000
2014 -	5800, 6900 SERIES	HV2038	10-33809-000
2014 -	4700 SERIES	HV2009	10-13809-000



OE PART NUMBER REFERENCE CHART

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Please check your specific application.

YEAR	MODEL/ SUS. TYPE	REDROO PART NUMBER	OE PART NUMBER
AIRLINER REAR SUSPENSION			
N/A	AIRLINER	HV2003L + R	16-15817-000
AIRGLIDE (KENWORTH) REAR SUSPENSION			
N/A	AIRGLIDE 9"	HV2020	K374-41 C71-1012 (90-2477SP1)
	AIRGLIDE 10.5"	HV2021	K374-38 C71-1006 (90-2478SP3)
HENDRICKSON REAR SUSPENSION			
N/A	HENDRICKSON HAS-4 SERIES	HV2005	60670-005L
	MACK (HENDRICKSON) AL460	HV2037	60670-005L
	PRIMAAX & MACK AP460 EQUIVALENT	HV2010L + R	98583-032
NEWAY REAR SUSPENSION			
2000 -	NEWAY AD246	HV2004L + R	3501001
N/A	NEWAY AD246 FITTED TO WESTERN STAR	HV2036L + R	90045132 (AD246/10 ONLY)
BPW TRAILER			
OM/ OT SERIES	SHOCK MOUNTED STRAIGHT (LONG SHOCK)	HV2019L + R	02-3702-1800
	SHOCK MOUNTED ON AN ANGLE (SHORT SHOCK)	HV2001	02-3722-8300



INDIVIDUAL SLEEVES

Individual sleeves are available in the below sizes. Please quote the part number listed next to the sleeve required. Note all sleeves have a standard od of 25.4mm to suit the redroo supplied polyurethane bushes, unless otherwise specified. All measurements are in mm.

PART NUMBER	ID (INNER DIAMETER)	L (LENGTH)
RRSLEEVE-01	16.2	95
RRSLEEVE-02	19.2	48.5
RRSLEEVE-03	16.2	48.5
RRSLEEVE-04	16.2	49.5
RRSLEEVE-05	19.2	56
RRSLEEVE-06	19.2	80.5
RRSLEEVE-07	19.2	96
RRSLEEVE-08	19.2	45
RRSLEEVE-09	19.2	50
RRSLEEVE-10	24.9 x 30OD	50
RRSLEEVE-11	16.2	64.5
RRSLEEVE-12	16.2	98.5
RRSLEEVE-14	25.6 x 35OD	20
RRSLEEVE-15	25.6 x 35OD	21
RRSLEEVE-16	25.6 x 35OD	22
RRSLEEVE-17	25.6 x 35OD	6
RRSLEEVE-18	19.2	42
RRSLEEVE-19	12.9	48.5
RRSLEEVE-20	19.2 x 30OD	8
RRSLEEVE-21	20	48.5
RRSLEEVE-22	20.2	42
RRSLEEVE-23	12	48.5



AIR INSTALLATION KITS

We recommend your new redroo shocks be connected to the air system of the heavy vehicle they are being installed in, wherever possible. Although this is not a requirement, redroo shocks provide superior results when connected to an air supply, in accordance with our guidelines.

PART NUMBER	KIT DESCRIPTION
RRK001	Air Installation Kit - Steer GENERIC
RRK002	Air Installation Kit - Drive Tandem Axle GENERIC
RRK008	Air Installation Kit - DENNIS EAGLE Steer
RRK009	Air Installation Kit - BPW Trailer
RRK010	Air Installation Kit - Heavy Duty Steer GENERIC
RRK011	Air Installation Kit - Heavy Duty Drive GENERIC
RRK012	Air Installation Kit - KENWORTH Twin Steer
RRK013	Air Installation Kit - KENWORTH Tridem Drive
RRK014	Air Installation Kit - MACK TITAN Steer
RRK015	Air Installation Kit - CAB SHOCKS KENWORTH
RRK016	Air Installation Kit - MACK TITAN SLEEPER CAB

Please Note: Redroo shocks come standard with a schrader type valve fitted to the side chamber, and pre-pressurised to 50psi. In order to connect shocks to the air system of the truck, these fittings must be removed, and a suitable hose fitting, such as in these kits, must be installed.

Warning: ensure all air is drained from the side chamber before removing any fittings, otherwise serious injury may result. If in doubt, consult your dealer for advice.



SERVICE KITS & SPARES

PART NUMBER	KIT DESCRIPTION
RRK003	Service Kit - REDROO Double Eye Shock
RRK004	Service Kit - REDROO Double Stud Shock
RRK005	Service Kit - ROBO Double Eye Shock
RRK006	Service Kit - ROBO Double Stud Shock
RRK007	Service Kit - ROBO Eye/ Stud Shock
RRS001	Standard Eye Bush - 48x25.4x48
RRS002	Stud Type Bush - 47x16x24
RRS003	Stud Type Washer - RNF-60-16.5-3
RRS004	Dust Boot Short - RR90
RRS005	Dust Boot Long - RR45

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