



PRODUCT CATALOGUE  
APRIL 2014





## TABLE OF CONTENTS

Shock Absorber Range.....	3
CAT.....	3
Freightliner.....	3
International.....	4
Kenworth.....	4
Mack.....	4
Volvo.....	5
Western Star.....	5
Trailer.....	5
OE Part Number Reference.....	6
Individual Sleeves.....	8
Air Installation Kits.....	8
Service Kits & Spares.....	9



## HV2000 SHOCK ABSORBER RANGE

YEAR	MODEL/ SUS. TYPE	FRONT P/N	REAR P/N
<b>CAT</b>			
FRONT SUSPENSION			
2013 -	CT6 Series - Parabolic Springs	HV2002	
REAR SUSPENSION			
2013 -	HENDRICKSON PRIMAAX		HV2010L
			HV2010R
<b>FREIGHTLINER</b>			
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 FRONT TO BACK)	HV2022	
REAR SUSPENSION			
N/A	AIRLINER		HV2003L
			HV2003R
2000 -	NEWAY AD246		HV2004L
			HV2004R
N/A	HENDRICKSON PRIMAAX		HV2010L
			HV2010R

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



YEAR	MODEL/ SUS. TYPE	FRONT P/N	REAR P/N
<b>INTERNATIONAL</b>			
REAR SUSPENSION			
2000 -	NEWAY AD246		HV2004L HV2004R
N/A	HENDRICKSON PRIMAAX		HV2010L HV2010R
<b>KENWORTH</b>			
FRONT SUSPENSION			
1992 -	K-SERIES T-SERIES MULTILEAF/ PARABOLIC (EXCEPT SAR MODELS)	HV2011	
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
<b>MACK</b>			
FRONT SUSPENSION			
-08	SUPERLINER (LOWER MOUNTING STUD RUNNING FRONT TO BACK)	HV2008	
REAR SUSPENSION			
N/A	HENDRICKSON PRIMAAX		HV2010L HV2010R
	HENDRICKSON HAS-4 SERIES (EXCEPT INBOARD SHOCK OPT)		HV2005

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



YEAR	MODEL/ SUS. TYPE	FRONT P/N	REAR P/N
<b>VOLVO</b>			
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

<b>WESTERN STAR</b>			
FRONT SUSPENSION			
N/A	ALL MODELS WITH: PARABOLIC/ MULTILEAF  LOWER STUD RUNNING LEFT TO RIGHT  EXCEPT: COE MODELS/ 6900 SERIES AND 4 X SHOCK STEER AXLE	HV2014	
2012 -	ALL MODELS WITH: PARABOLIC/ MULTILEAF  LOWER STUD RUNNING FRONT TO BACK  EXCEPT: COE MODELS/ 6900 SERIES AND 4 X SHOCK STEER AXLE	HV2008	
REAR SUSPENSION			
N/A	NEWAY (ALL 10" OPTIONS)		HV2004L
			HV2004R
	HENDRICKSON PRIMAAX (8.5" & 10" OPTIONS)		HV2010L
			HV2010R
N/A	HENDRICKSON HAS-4 SERIES (EXCEPT INBOARD SHOCK OPT)		HV2005
			HV2003L
	AIRLINER		HV2003R

## TRAILER SHOCKS

<b>BPW</b>			
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



## 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
<b>FREIGHTLINER FRONT SUSPENSION</b>			
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
<b>KENWORTH FRONT SUSPENSION</b>			
1992 -	K-SERIES	HV2011	90-2209SP1
	T-SERIES		90-2209SP2
	MULTILEAF/ PARABOLIC (EXCEPT SAR MODELS)		90-2209SP3
<b>MACK FRONT SUSPENSION</b>			
-08	SUPERLINER (LOWER MOUNTING STUD RUNNING FRONT TO BACK)	HV2008	14QK392BM
<b>VOLVO FRONT SUSPENSION</b>			
N/A	CAB OVER MODELS* (EXCEPT FMX MODEL)	HV2016	20374546
			20374548
<b>WESTERN STAR FRONT SUSPENSION</b>			
N/A	ALL MODELS WITH:	HV2014	37390-4403
	PARABOLIC/ MULTILEAF		37390-4402
	LOWER STUD RUNNING LEFT TO RIGHT		37390-4401
	EXCEPT: COE MODELS/ 6900 SERIES AND 4 X SHOCK STEER AXLE		37301-3409
			37301-3412



## 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
<b>WESTERN STAR FRONT SUSPENSION</b>			
2012 -	ALL MODELS WITH:	HV2008	10-13809-000
	PARABOLIC/ MULTILEAF		
	LOWER STUD RUNNING FRONT TO BACK		
	EXCEPT: COE MODELS/ 6900 SERIES AND 4 X SHOCK STEER AXLE		
<b>AIRLINER REAR SUSPENSION</b>			
N/A	AIRLINER	HV2003L + R	16-15817-000
<b>AIRGLIDE (KENWORTH) REAR SUSPENSION</b>			
N/A	AIRGLIDE 9"	HV2020	K374-41 C71-1012 (90-2477SP1)
N/A	AIRGLIDE 10.5"	HV2021	K374-38 C71-1006 (90-2478SP3)
<b>HENDRICKSON REAR SUSPENSION</b>			
N/A	HENDRICKSON HAS-4 SERIES	HV2005	60670-005L
N/A	PRIMAAX	HV2010L + R	98583-032
<b>NEWAY REAR SUSPENSION</b>			
2000 -	NEWAY AD246	HV2004L + R	3501001



## 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





## 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 Shocks
RRK002	Air Installation Kit - Drive Shocks Tandem Axle

\*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

All information supplied within this catalogue is deemed correct, to the best of our knowledge at the time of publication. Redroo and affiliated parties accept no responsibility for damage, injury or death caused by the inaccuracy or misuse of this information. This information is subject to change, at anytime, without notice.

Note: please ensure you are using the latest copy of this catalogue. It is the responsibility of the customer to ensure their copy is up to date. A controlled copy can be found on our website [www.redrooshocks.com.au](http://www.redrooshocks.com.au) or obtained by contacting our head office on 03 9751 7999.

*Copyright © 2014  
Redroo Shocks*

Last revised - May 20, 2014 1:24 PM

**REDROO SHOCKS**  
1/257 Colchester Rd, Kilsyth  
Victoria, Australia 3137

Telephone **+61 3 9751 7999**  
[info@redrooshocks.com.au](mailto:info@redrooshocks.com.au)  
[www.redrooshocks.com.au](http://www.redrooshocks.com.au)

