

Semi-truck & trailer air bags

2010-present research scope | North American suspensions | Hendrickson, Firestone and selected cross-references

Use the suspension and original part number to select the bag. Vehicle year and model alone do not establish fitment. This chart supplies verified catalog matches and documented date changes; it is not a complete VIN-specific application catalog.

Manufacturer / vehicle-model navigation

Manufacturer	Vehicle families to identify within the 2010-2026 period*	Chart
Peterbilt	386 / 387 / 388 / 389; 567 / 579 / 589	Page 2; Hendrickson options on page 5
Kenworth	T660 / T680 / T700 / T800 / T880; W900 / W990	Page 2; Hendrickson options on page 5
Freightliner	Cascadia / Columbia / Coronado / 122SD	Page 3; AIRTEK / OPTIMAAX on page 5
International	ProStar / LoneStar / LT / RH; vocational models with listed suspension	Pages 3 and 5
Volvo / Mack	Volvo VNL / VNM / VNR / VHD; Mack Pinnacle / Anthem / Granite	Pages 4 and 5
Trailers	Utility; Great Dane; Hyundai Translead; Wabash	Brand routing on page 6; bag charts on pages 7-8

*The model names are identification prompts, not a claim that every model was produced throughout 2010-2026 or uses every bag listed. Exact model-year-to-bag fitment remains unverified unless an explicit build-date condition is shown. “Present” means September 19, 2026. Cab, seat and lift-actuator bags are excluded.

Reading the charts: **F** = Firestone 2025 catalog; **H** = Hendrickson truck air-spring guide; **T** = Hendrickson May 2026 trailer list. Source pages and clickable links are on pages 9-10. **Not verified** means no supported match was found; it does not mean no part exists.

Peterbilt & Kenworth

2010-2026 vehicle scope. Match the installed suspension and OE number; truck-model production cutoffs are not bag fitment cutoffs.

Make / suspension model	Year / fitment evidence	OE number to match	Firestone complete assembly	Other cross-reference / notes	Source
Peterbilt Low Air Leaf	Design from 04/2004; applicable to later vehicles only when OE number matches.	03-08716 PACCAR C81-1011 / C81-1013	W01-358-8864	Supersedes the 03-07887 design. Do not choose 8852 solely from the Low Air Leaf name.	F 56, 166
Peterbilt Flex Air	No vehicle-year interval published.	C81-6000 PACCAR C81-1012	W01-358-8813	Shared catalog application with Kenworth AG380. Hendrickson number not verified.	F 41, 166
Peterbilt Air-Trac / OE-number variants	No vehicle-year interval published.	03-02038; 03-01649; 03-02456; 03-04759; C81-6022	W01-358-9069	Goodyear 1R12-069 / 1R12-669. Exact OE and mounting arrangement required.	F 42, 166, 183, 186
Kenworth Airglide 380	No vehicle-year interval published.	C81-1003 PACCAR C81-1012	W01-358-8813	Do not substitute AG400 or AG400L merely because the truck model is the same.	F 41, 166
Kenworth Airglide 400; later AG200	AG200: 05/05/2003 onward in catalog; AG400 exact truck years not listed.	C81-1004	W01-358-9547	Bracket WC1-358-3883. Goodyear 1R11-268 also appears against 9541: cross-number alone is ambiguous.	F 25, 182
Kenworth Airglide 460 / 690; later AG200	AG200: 05/05/2003 onward in catalog.	C81-1005	W01-358-9541	Bracket WC1-358-3890; distinct from 9547. Hendrickson number not verified.	F 26
Kenworth AG400L / T680	Standard T680 suspension announced 07/17/2018; other builds/options vary.	Retrieve exact PACCAR air-spring number by VIN.	Not assigned by model alone	If OE is C81-1011 / C81-1013, catalog cross is 8864. AG400L is distinct from AG400.	K; F 166

Peterbilt currently lists multiple rear suspension choices for the 579, including Flex Air, Low Air Leaf, Air Leaf and Air Trac [P]. A 579 or T680 badge therefore cannot identify the replacement bag.

Freightliner & International

2010-2026 vehicle scope | Exact year-to-bag ranges are not published in the cited cross-reference catalog.

Make / application	OE number to match	Hendrickson	Firestone assembly	Selected cross / fitment distinction	Source
Freightliner Rear suspension; match OE	16-13810-000 A16-18335-000 / -001	Not verified	W01-358-9780	Composite piston; Goodyear 1R12-303. AirLiner name alone does not identify the assembly.	F 72, 184
Freightliner Rear suspension; match OE	681-320-0017 A16-14004-000 A16-17574-001 / -002	Not verified	W01-358-9781	Aluminum piston; Goodyear 1R12-603. Catalog contains overlapping OE references; confirm piston and bracket.	F 72, 186
Freightliner Steel-piston variant	16-16773-000	Not verified	W01-358-9782	Steel piston; catalog labels this Freightliner Custom Chassis. Do not infer every Cascadia uses it.	F 72
Freightliner Alternate rear assembly	16-14263-000 / -001 16-15443-000 / -001 16-19470-000	Not verified	W01-358-9634	Goodyear 1R12-636. Brackets and service-assembly contents vary.	F 63, 186
International ProStar / IROS 20-40K	3541731C1	Not verified	W01-358-1191	Replaces W01-358-9875. Goodyear 1R12-432; single-hole top bracket. ProStar linkage supported by International parts page.	F 73; I
International Rear suspension; OE match	3541732C1	Not verified	W01-358-1190	Replaces W01-358-9876. Goodyear 1R12-523; double-hole top bracket.	F 73
International Rear suspension; OE match	3691773C1	Not verified	W01-358-1192	Same bellows family as 1190/1191 does not establish interchangeability.	F 73
International Other rear OE variant	2027911C1 / C2	Not verified	W01-358-9648	Bracket 70-3582-6047. Match exact OE; no verified blanket LT/RH application.	F 73

Cascadia has several AirLiner configurations [FL]. LT, RH, LoneStar and newer Cascadia fitment must be resolved by VIN/OE number; the chart does not extend older applications automatically to every 2025-2026 build. AIRTEK and HTB options appear on page 5.

Volvo & Mack

2010-2026 vehicle scope | Select by the OE number or Hendrickson suspension model, including axle position and capacity.

Make / suspension	OE / Hendrickson reference	Firestone assembly	Selected additional cross	Year / fitment qualification	Source
Volvo Rear OE-number family	3934699 / 8079902 20413888 / 20505399	W01-358-8829	Goodyear 1R12-405 / 1R12-595	Vehicle-model year interval not published; bracket WC1-358-3873.	F 72, 178, 184-186
Volvo Rear OE-number family	20733034	W01-M58-8463	Goodyear 1R12-647	M58 prefix is part of the number. Bracket 70-3582-6070.	F 72
Volvo Rear OE-number family	21132005	W01-M58-8468	Goodyear 1R12-654	Catalog states 21132005; do not assume adjacent Volvo numbers match.	F 73
Volvo / Mack AIRTEK front; 13.2K / 14.6K	Hendrickson 60716-002L Volvo 20462941	W01-358-9554	Hendrickson legacy notation 60716-2	Front axle spring; not a rear-suspension bag. Match AIRTEK capacity and build.	F 28; H 2
Mack HAS / HA 40K	Hendrickson 58786-002 Mack 57QL417M	W01-358-9647	Hendrickson legacy notation 58786-2	Exact vehicle years not specified. Match installed assembly and bracket.	F 54; H 2
Mack HAS / HA 46K	Hendrickson 64489-002	W01-M58-9372	Hendrickson 58520-2 also cataloged	Metric variant; do not substitute similarly shaped imperial-stud assembly.	F 55; H 2
Volvo / Mack / International PRIMAAX 230 / 460 / 690	Hendrickson 60271-002L	W01-358-9663	Firestone cross is to 60271-2	PRIMAAX is not PRIMAAX EX. Check kit/bracket contents and serial number.	F 55; H 2
Volvo all-new VNL / VNR GRAS or VOAS rear	VIN and exact suspension required	Not verified	Do not carry 8829 / 8463 / 8468 forward by model name.	2025 suspension literature identifies GRAS and VOAS alternatives; no verified bag cross established here.	V

Mack Pinnacle, Anthem and Granite are navigation families, not interchangeable suspension specifications. New-generation models and other suspensions require current VIN-based identification.

Hendrickson suspension options

Use on a truck from the requested brands only when its suspension identification matches. Year ranges are unverified except where stated.

OEM / suspension model	Hendrickson service part	Firestone cross to spring	Build / application notes	Source
Freightliner AIRTEK front	69116-002L	Not verified	Older Hendrickson catalog identifies this as "After 2010." Confirm 2010 transition builds by VIN; current guide lists 12K / 12.5K / 13.5K.	H 2; HC
Freightliner AIRTEK NXT front	79115-002L	Not verified	12.5K / 13.3K in current guide. Exact adoption date not established.	H 2
Volvo / Mack AIRTEK front	66349-002L	W26-358-9913	12K / 12.5K. Firestone index crosses 66349-2; blue-cap steering spring. Catalog also lists legacy 60750-2; confirm top mount.	H 2; F 151, 248
International AIRTEK front	65790-002L	W01-358-8597	12.4K / 14.6K per current guide. Firestone lists legacy 65790-2; confirm supplied hardware.	H 2; F 28
Peterbilt / Kenworth and other listed OEMs PRIMAAX EX	67043-002L	W01-358-9865	23K / 46K / 69K variants. Hendrickson kit includes upper bracket/fasteners; confirm Firestone package contents.	H 2; F 71
Peterbilt / Kenworth PRIMAAX EX	67391-002L	W01-358-9866	23KT / 46KT / 69KT variants. Other current service numbers exist; resolve by suspension serial.	H 2; F 71
Mack MAXAIR / AL405	64917-002L	Not verified	Hendrickson-logo version. No verified model-year interval or Firestone substitute supplied.	H 2
International HTB LT	80087-002	Not verified	40K HTB LT; includes bracket and fasteners. Do not equate an LT vehicle badge with HTB LT suspension.	H 2
Freightliner OPTIMAAX	79191-004	Not verified	20K OPTIMAAX; includes bracket and fasteners. Position-specific identification required.	H 2

Suffixes matter: retain "-002," "-002L" and all other suffixes when ordering. Firestone sometimes prints a shortened legacy Hendrickson number (for example, 67043-2); a spring cross-reference does not promise an identical service kit.

Manufacturer & model routing

Utility, Great Dane, Hyundai Translead and Wabash | 2010-2026 production scope; suspension build date controls the final selection.

Trailer manufacturer	Model families / identification	Verified evidence and limits	Route to bag chart
Utility Trailer	3000R reefer; 4000D-X dry van; other air-ride trailers	Current 3000R feature sheet specifies Hendrickson ULTRAA-K 40K with ZMD [U]. This does not prove all 2010-2026 3000R builds used that system.	UTKNT / ZMD: page 8. If tag says HKANT or INTRAAX: page 7.
Great Dane	Champion dry van; Everest reefer; other air-ride trailers	Current Champion page identifies ULTRAA-K [GD]. Earlier years and other models need the build sheet and suspension tag.	ULTRAA-K: page 8. Conventional VANTRAAX / INTRAAX: page 7.
Hyundai Translead	Composite / Original / HY-Cube dry vans; ThermoTech reefers	OEM operator manual covers optional as well as standard equipment [HY]. An exact model/year-to-Hendrickson-bag mapping was not verified.	Read suspension tag first. Apply pages 7-8 only if the installed Hendrickson model matches.
Wabash	DuraPlate / DuraPlate HD dry vans; refrigerated trailers	OEM operator manual covers air-ride and leaf-spring configurations [W]. No universal DuraPlate year-to-bag mapping verified.	Read suspension tag first. Apply pages 7-8 only if the installed Hendrickson model matches.

Example: A 2017 trailer with a conventional HKANT 40K slider, 16-inch ride height and C-28929 bags routes to **S-28929 / W01-358-9978**. A trailer with a ZMD-equipped UTKNT 40K slider built after March 2019 routes to **S-38000**; a Firestone substitute was not verified. Both examples are conditional on the suspension tag, not the trailer brand.

For any 2010-2026 trailer fitted with SAF-Holland, Meritor, Ridewell or another suspension, these Hendrickson rows do not establish fitment. Obtain that suspension manufacturer's exact assembly number. A mechanical leaf-spring suspension may have no primary suspension air bag.

Year evidence: the source establishes suspension production changes, not trailer-model production ranges. A trailer model year can differ from the month/year on its slider or suspension tag. Retrofitted sliders require identification of the installed equipment.

Hendrickson conventional air springs

Within the 2010-2026 fleet scope, select by suspension model, ride height (RH) and original bag. These are not ZMD replacements.

Suspension model / condition	Hendrickson service part	Firestone assembly	Other number / catalog cross	Date / identification note	Source
VANTRAAX HKANT 40K 16-inch RH or higher	S-28929	W01-358-9978	Original bag C-28929	Suspension built after Jan. 2008; covers matching 2010+ conventional units.	T 1; F 44; B
INTRAAX AAT 23K / AANT 23K; HKANT 40K below 16-inch RH	S-21800	W01-358-8709	Goodyear 1R13-159	No later production cutoff given; exact RH/model required.	T 1; F 78, 187
INTRAAX AAT 25K	S-20901	W01-358-8091	S-21784 catalog reference; Goodyear 1R14-171	Check piston-support metal disc.	T 1; F 89, 187
INTRAAX AAT 30K	S-25873	W01-358-8774	Goodyear 1R14-172 / 1R14-183	Replacement piston is cataloged without mounting plate.	T 1; F 90, 187
VANTRAAX HKAT 46K / HKANT 46K	S-22948	W01-358-8713	Goodyear 1R13-140 / 1R13-176	Also used on older HKANT 40K; see distinction on page 8.	T 1; F 78, 187
HT / HS 230	S-20010	W01-358-9270	Goodyear 1R13-119	F catalog identifies HT230T; match tag and bead plate.	T 1; F 71, 186
HT250T / HT250U	S-20124	W01-358-9265	Goodyear 1R12-375	Exact HT250U variant and piston orientation matter.	T 1; F 61, 184
HT250US	S-20127	W01-358-9580	Old Firestone W01-358-9262	F lists specific HT250U / UY variants; resolve tag before ordering.	T 1; F 79
HT190T / HS190T	S-20223	W01-358-9640	Old Firestone W01-358-9630	Exact vehicle production years not specified.	T 1; F 63
HT190U	S-20217	W01-358-8944	Old Firestone W01-358-9015	Underslung application; do not use HT190T number.	T 1; F 61
HT300 / HS300	S-4771	W01-358-5523	Hendrickson Canada B-12514-013	Exact variant required; not every HT-series bag is interchangeable.	T 1; F 90

Build-date changes & ZMD bags

These date divisions refer to suspension/slider production. At a transition month, confirm the serial number and installed bag.

Suspension / configuration	Production-date condition	Hendrickson	Firestone cross	Fitment note
ULTRAA-K UTKNT 40K ZMD	Before March 2019, when this system was fitted	S-34733	Not verified	Date condition is not a claim that ULTRAA-K existed in every earlier year.
ULTRAA-K UTKNT 40K ZMD	After March 2019 through current T catalog	S-38000	Not verified	For March 2019 builds, obtain serial-specific confirmation.
VANTRAAX HKANT 40K ZMD; 16-inch RH; QUIK-DRAW	Before August 2020	S-33161	Not verified	Steel piston; do not choose the conventional S-28929 from slider name alone.
VANTRAAX HKANT 40K ZMD; 16-inch RH; QUIK-DRAW	After August 2020 through current T catalog	S-34733	Not verified	Composite piston. August 2020 transition units require confirmation.
INTRAAX AANT / AAT 23K ZMD; specified RH/travel	Current catalog; start year not specified	S-39400	Not verified	14-17 inch RH standard travel; AAT RCA 14 or 16 inch limited rebound.
INTRAAX AAT 25K ZMD; specified RH/travel	Current catalog; start year not specified	S-39401	Not verified	14-19 inch RH standard travel; AAT RCA 14 or 16 inch limited rebound.

Source: Hendrickson T, page 1, revision R / May 2026. No Firestone substitute is asserted for the ZMD rows.

Do not mix S-22948 and S-28929 on one HKANT 40K slider. Hendrickson bulletin B identifies different operating pressures despite compatible mounting. Its single-bag replacement rule is C-21966 / C-22948 to S-22948, and C-28929 to S-28929. An all-bag conversion requires the applicable manufacturer instructions.

8708 versus 8713: Firestone F page 78 maps S-21966 to W01-358-8708 and S-22948 to W01-358-8713. Hendrickson B identifies S-22948 as the service replacement for C-21966. These references describe different service/production numbers; this chart does not collapse 8708 and 8713 into one unconditional substitute.

Verify before ordering

The chart is a source-backed parts lookup aid. Final compatibility comes from the vehicle and suspension build information.

Check	What to record
Vehicle and suspension	VIN; truck/trailer model and build date; suspension model and serial; axle position; rated capacity; designed ride height.
Existing air spring	Complete label number; top and bottom mounting layout; stud threads; air-port size/location; piston material; bracket and support-disc arrangement.
Assembly versus component	Firestone W01 assembly, C01 bellows, piston, bracket and hardware numbers serve different purposes. A rubber bellows number alone cannot identify the whole bag.
Supersession and package	Confirm current supersession and whether the price includes bracket, hardware, piston/support disc. The cited catalogs can contain older numbers and overlapping crosses.

Primary catalog sources

[F] Firestone Airide - US Aftermarket Air Spring Catalog, 2025

Main assembly applications: pp. 25-28, 41-44, 53-56, 61-63, 71-79, 89-90, 151. OEM / Goodyear references: pp. 154-188, 248. Page numbers are the printed catalog pages.

[H] Hendrickson 45745-190 Rev H - Truck Air Springs, July 2025

Page 2 identifies truck suspension families, part numbers, capacities and kit-content notes.

[T] Hendrickson L1181 Rev R - Dealer / Branch Stocking List, May 2026

Page 1 supplies conventional and ZMD trailer service parts and documented build-date conditions.

[B] Hendrickson L1003 Rev A - HKANT 40K Air Spring Change, March 2008

Production-to-service-number mapping and the prohibition on mixing the two spring designs on one slider.

All sources checked September 19, 2026. Source revision dates take precedence over search-engine "published" dates. The trailer download currently contains revision R even where an older search listing labels it revision Q.

Vehicle & application evidence

These sources help identify suspension choices; they do not independently verify every vehicle-year-to-part combination.

[HC] Hendrickson Truck Parts Catalog - AIRTEK front springs

Older popular-parts entry distinguishes Freightliner AIRTEK springs before and after 2010; use current H and the suspension serial for final ordering.

[P] Peterbilt Model 579 - current specifications

Documents multiple optional rear suspension families on the same truck model.

[K] Kenworth - AG400L standard on T680, July 17, 2018

Supports the dated T680 suspension change; does not supply the VIN-specific air-spring number.

[FL] Freightliner Cascadia - current specifications

Documents multiple AirLiner and front suspension configurations.

[I] International / Fleetrite - ProStar IROS 20-40K air spring

Lists 3541731C1, W01-358-1191 and 1R12-432 in the ProStar IROS application. Market-specific page; verify the North American build.

[V] Volvo - VNL / VNR Suspension Sales Sheet, April 2025

Distinguishes optional GRAS from VOAS. No new-generation bag number is inferred from older VNL references.

[U] Utility - 3000R standard features

Specifies ULTRAA-K 40K and ZMD on the described 3000R configuration.

[GD] Great Dane - Champion dry vans

Current model information identifies ULTRAA-K; historical adoption dates are not established here.

[HY] Hyundai Translead - OEM operator manual, hosted reproduction

OEM-authored scope statement: dry vans/reefers with optional and standard equipment. Used to explain model-level limits, not to establish a bag cross.

[W] Wabash - Trailer Operator Manual, revision April 24, 2012

Covers air-ride and leaf-spring suspension; exact replacement components require installed-system identification.

Coverage limits: selected primary suspension bags and service numbers, not all variants, supersessions or aftermarket brands. Unverified 2025-2026 applications, model-year intervals and ZMD crosses are explicitly left unresolved rather than filled with assumed matches.