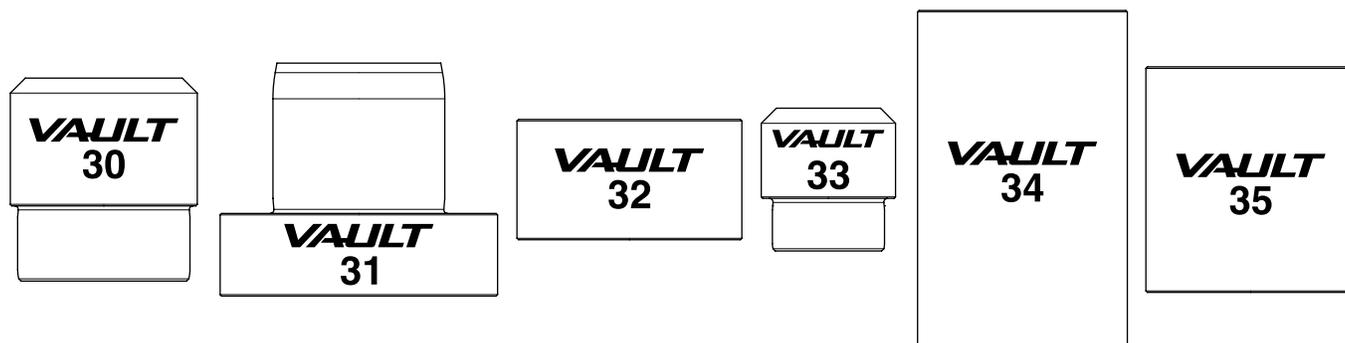


Vault Hubs | Bearing Replacement Procedure



DRIFT ID	DESCRIPTION	QTY SUPPLIED IN KIT
VAULT 30	Bearing removal tool for vault front 412 & 414 hubs with 6805 bearings	1
VAULT 31	Bearing installation drift for vault front 412 & 414 hubs with 6805 bearings	2
VAULT 32	Bearing installation drift for vaultfront 415 & 516 hubs with 18x30 bearings	2
VAULT 33	Bearing removal tool for vault front 415 & 516 hubs with 18x30 bearings	1
VAULT 34	Bearing installation drift for vault rear 421 & 424 & 422 & 525 hubs with 6902 bearings, drive side	1
VAULT 35	Bearing installation drift for vault rear 421 & 424 & 422 & 525 hubs with 6902 bearings, non-drive side	1

Visit raceface.com for instructions on how to use this kit to replace bearings in Vault hubs.

B60057-A

PART LIST

Hub Model	Race Face Vault Rear Hubs: 424, 422, 421, J424, J422, J421	Race Face Vault Front Hubs: 414, 412, J414, J412	Race Face Vault Front Hub: 415
Bearings (Required)	2pcs: F60078 - Bearing 6902 CM	2pcs: F60060 - Bearing, 6805 CM	2pcs: F60123 - Bearing, 18x30
Axle (optional)	F60062- Ault,Rear,424,Boost Black F60088-Axle, Vault, Rear, 422 Silver F60061-Ault, Rear, 421, Silver	F60055 - Axle, Vault, Front, 414 Boost, Black F60054 - Axle, Vault, Front, 412, Silver	F60121 - Axle, Vault, Front, 415 Boost, Black
Other parts to review for replacing (optional)	F60074 - Pawl And Spring Kit,Vault F60072 - Seal, Vault, Cassette Body, Black D60073 - Acer, Vault, Cassette Body, Silver		F60142 - Seal Kit Vault Front 415 AM

* Some Race Face and Easton spare parts can be interchanged as necessary, see Parts List Appendix B

TOOL LIST

- Race Face & Easton Vault Hub Drift Kit: F60185 - BEARING,DRIFT,KIT,VAULT,F+,R,AM
 - 1pc Vault 30 - Bearing Removal Drift For Front Hubs With 6805 Bearings
 - 2pcs Vault 31 - Bearing Installation Drift For Front Hubs With 6805 Bearings
 - 2pcs Vault 32 - Bearing Installation Drift For Front Hubs With 18x30 Bearings
 - 1pc Vault 33 - Bearing Removal Drift For Front Hubs With 18x30 Bearings
 - 1pc Vault 34 - Bearing Installation Drift For Rear Hubs With 6902 Bearings, Drive Side
 - 1pc Vault 35 - Bearing Installation Drift For Rear Hubs With 6902 Bearings, Non-Drive Side
- Hub Bearing Press (examples: Park Tool HBP-1, Enduro, Wheels Manufacturing)
- Plastic mallet
- Pick or small flat head screwdriver (required only for 415 hubs)

- Light grease - approved products:
 - Easton Cassette Body Grease
 - Buzzy's Slick Honey Grease
 - Slickoleum Light Grease
 - Dumonde Tech Classic and Advanced Freehub Grease
 - Superlube Silicone Lubricating Grease
 - Triflow Clear Synthetic Grease
- Light oil - approved products:
 - Super Lube Multi Purpose Synthetic Oil with Syncolon (PTFE)
 - Park Tool CL-1 Synthetic Blend Lube with PTFE

PREPARE FOR BEARING REPLACEMENT

- Remove disc brake rotor
- Clean wheel thoroughly and prepare a suitable workspace
- Remove end caps: All Race Face end caps are designed to be removed by hand. Clamping end caps with vise jaws or pliers can damage end caps. A rubber glove can help improve grip. A 12mm blind bearing puller tool can be used for difficult to remove end caps
- Rear Wheels: Rear drive-side end cap is easiest to remove by pulling cassette/cassette body/drive-side end cap all off at same time as assembled. Holding cassette and pushing on spokes is best method to apply force to release drive-side end cap from axle. If Cassette is not mounted, grab Cassette Body by hand and pull firmly to remove End Cap and Cassette Body.
- Locate and remove cassette body 0.7mm spacer... spacer sometimes will stay on axle against drive side hub shell bearing OR it will stick to inner cassette body bearing inner race
Optional step: Use small flat head screwdriver and cloth to clean dirt and grease from groove behind the cassette body shield. Use care to not scratch sealing surface or bend shield.
Optional step: Re-lube (light grease) the drive ring on the cassette body and oil the hub seal's lip & pawl pockets. Use a small flat blade screwdriver to gently pry the seal out of the hub
- Inspect hub for damaged parts (cut seals, corroded pawls/drive ring, damaged end caps, etc.) replace as necessary

BEARING REMOVAL

Front Hubs:

1. 415 hubs only: Use pick to remove inner seals (note orientation for correct reinstallation)
2. Choose correct drift for removal:

Hub Model	Race Face Vault Front Hubs: 414, 412, J414, J412	Race Face Vault Front Hub: 415
Removal Drift	Vault 30 - Bearing Removal Drift For Front Hubs With 6805 Bearings	Vault 33 - Bearing Removal Drift For Front Hubs With 18x30 Bearings

3. Insert removal drift in rotor-side of axle
4. Hammer drift until drive side bearing is ejected. Use care to safely catch axle as it gets hammered out
5. Reinsert axle into rotor-side bearing
6. Insert removal drift into drive-side of axle and hammer drift until rotor-side bearing is ejected Use care to safely catch axle as it gets hammered out
7. Clean hub shell, axle, seals and end caps

Rear Hubs:

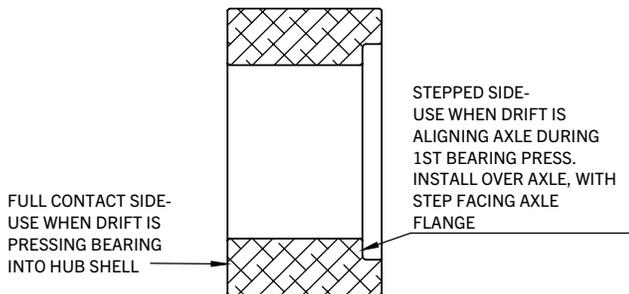
1. Using the plastic mallet, hammer the drive-side end of the axle to eject the rotor-side bearing and axle from the non-drive side of hub shell. Use care to safely catch axle as it's hammered out.
2. Flip axle and re-insert short (rotor-side) end of axle through hub shell and into drive-side bearing
3. Using the plastic mallet, hammer the axle to eject the drive-side bearing from the hub shell. Use care to safely catch axle as it gets hammered out
4. Clean hub shell, axle, seals and end cap

BEARING INSTALLATION

General notes/warnings:

- Install/Press only one bearing at a time, guiding bearing with 2nd drift in opposite bearing bore
- Always fully install rear drive-side bearing first or for front hubs rotor-side bearing first
- Orient bearings so that red seals face outward
- No grease or Loctite is required in the bearing bores
- Never press a bearing using the stepped side of a bearing drift. Only press bearings with drift flat side contacting bearings.

1. Assemble Installation Drift onto bearing press. For Drift 32 that has one side with step (counter bore), orient drift so that fully flat side will be contacting bearing to be pressed



Hub Model	Race Face Vault Rear Hubs: 424, 422, 421, J424, J422, J421	Race Face Vault Front Hubs: 414, 412, J414, J412	Race Face Vault Front Hub: 415
Drift # for 1st bearing press	Vault 34 - Bearing Installation Drift For Rear Hubs With 6902 Bearings, Drive Side	Vault 31 - Bearing Installation Drift For Front Hubs With 6805 Bearings	Vault 32 - Bearing Installation Drift For Front Hubs With 18x30 Bearings

2. Determine if hub axle should be assembled with 1st bearing for 1st bearing press:

Hub Model	Race Face Vault Rear Hubs: 424, 422, 421, J424, J422, J421	Race Face Vault Front Hubs: 414, 412, J414, J412	Race Face Vault Front Hub: 415
Bearing installed on axle for 1st bearing Press	Yes	No	Yes

3. Assemble new 1st bearing (and axle if applicable) onto to Installation Drift on hub press tool. Red seal oriented to face outward (red seal faces drift, not hub). Make sure drift flat side fully supports/contacts inner and outer bearing races

Hub Model	Race Face Vault Rear Hubs: 424, 422, 421, J424, J422, J421	Race Face Vault Front Hubs: 414, 412, J414, J412	Race Face Vault Front Hub: 415
Bearing	F60078 - Bearing, 6902 CM	F60060 - Bearing, 6805 CM	F60123 - Bearing, 18x30

4. Confirm axle orientation: Race Face front 6-Bolt hubs (414/415/412) have a symmetrical axle. All rear hubs have longer bearing journal on drive-side.
5. Assemble hub shell onto hub bearing press with rear drive side or front rotor-side bearing bore toward new 1st bearing.
6. Select correct drift to act as alignment guide for hub bearing press tool

Hub Model	Race Face Vault Rear Hubs: 424, 422, 421, J424, J422, J421	Race Face Vault Front Hubs: 414, 412, J414, J412	Race Face Vault Front Hub: 415
Drift # for opposite bore guide during 1st bearing press	Vault 35 Bearing Installation Drift For Rear Hubs With 6902 Bearings, Non-Drive Side	Vault 31 - Bearing Installation Drift For Front Hubs With 6805 Bearings	Vault 32 - Bearing Installation Drift For Front Hubs With 18x30 Bearings

7. For Drift 32 & 35 that have one side with step (counter bore), orient drift so that stepped side faces axle flange into hub shell (to ensure there is clearance to axle flange to allow 1st bearing to fully seat).
8. Place drift for alignment guide onto hub bearing press and into opposite (empty) bearing bore.
9. Tighten Hub Bearing Press:
 - a. Use a firm force on handles of bearing press and make sure bearing is firmly seated
10. Loosen hub bearing press tool
11. Remove installation (alignment guide) drift
12. Optional step: remove hub press tool and confirm bearing rotates w/o any roughness.
13. ***IMPORTANT*** Hub Axle: confirm already installed (all rear hubs + 415 front hubs) or install axle now (414&412, J414, J412 hub models)
14. Check axle for correct orientation
15. Assemble new 2nd bearing onto axle. Red seal faces outward
16. Reinstall Installation Drift
17. ***IMPORTANT*** Ensure Drift 32 and 35 are oriented so that full contact side of drift is touching the bearing to fully support inner and outer bearing races during press step
18. Tighten Hub Bearing Press: Use a moderate force on handles of bearing press. Forces too low or too high can result in excessive drag and premature wear
19. Removal Hub Bearing Press and all Installation Drifts
20. Confirm bearings rotate w/o any roughness
21. Confirm hub axle cannot be moved/shifted side to side between bearings

HUB RE-LUBE AND REASSEMBLY

1. Apply a thin layer of light grease to cover the following hub shell bearings:
 - a. Rear rotor-side
 - b. 412 & 414 front: both sides
 - c. 415 front: both sides
2. 415 hubs only: Reassemble inner seals - correct orientation is lip pointing outwards
3. Rear only:

Optional step: Use small flat head screwdriver and cloth to clean dirt and grease from groove behind the cassette body shield. Use care to not scratch sealing surface or bend shield.

Optional step: re-lube (light grease) the drive ring on the cassette body and oil the seal lip & pawl pockets.

 - a. Assemble 0.7mm cassette body spacer on axle, between hub shell bearing and cassette body
 - b. Assemble cassette body, turning counter-clockwise to engage pawls
 - c. Apply thin coat of thin cassette body grease to Shimano HG outer cassette body bearing, for XD, XDR, Micro Spline, and Campagnolo bodies apply and thin coat of waterproof grease to outer cassette body bearing
4. Reinstall end caps
 - a. 412/414/415 front hubs: end caps are symmetric
 - b. All rear hubs: longer end cap on rotor-side

APPENDIX A – EXPLODED DIAGRAMS

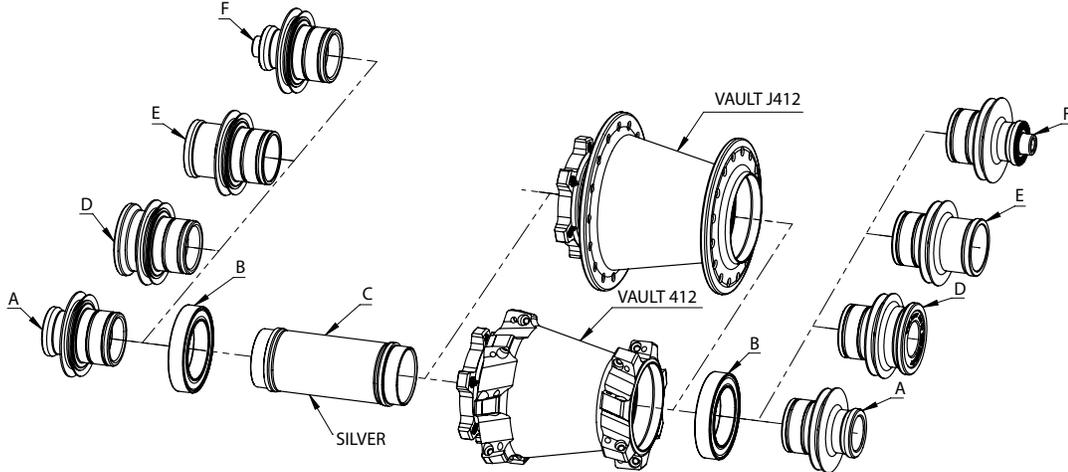
Part Number	Description	Part Included
F60054	AXLE,VAULT,FRONT,412,SILVER	C
F60060	BEARING 6805 CM	B
F60056	ENDCAP SET,VAULT,F,15x100	A,A
F60059	ENDCAP SET,VAULT,F,15x100,TORQUE CAP	D,D
F60057	ENDCAP SET,VAULT,F,20X110	E,E
F60058	ENDCAP SET,VAULT,F,9X100,QR	F,F
D60185	BEARING,DRIFT,KIT,VAULT,F+R	NOT SHOWN



VAULT 412
VAULT J412

NOTES

1. See raceface.com for service and repair instructional videos
2. Remove end caps by hand, if tight try using a rubber glove or blind bearing puller tool
3. Always install rotor side bearing first
4. End caps are the same for both ends of the hub
5. Lube outside facing bearing seals and end cap seals with light grease



V1.3.9.27.19

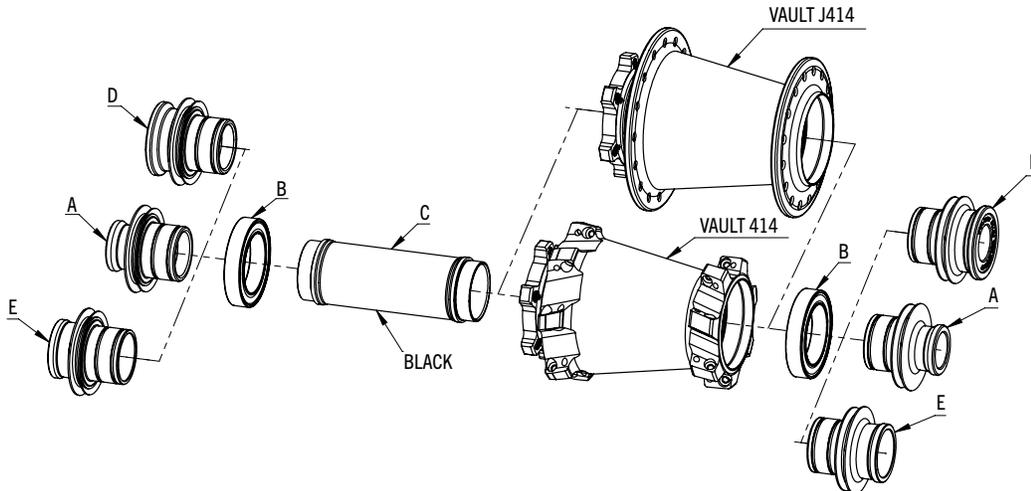
Part Number	Description	Part Included
F60055	AXLE,VAULT,FRONT,414 BOOST,BLACK	C
F60060	BEARING 6805 CM	B
F60056	ENDCAP SET,VAULT,F,15x110 BOOST	A,A
F60059	ENDCAP SET,VAULT,F,15x110 BOOST,TORQUE CAP	D,D
F60086	ENDCAP SET,VAULT,F,414,20X110 BOOST	E,E
D60185	BEARING,DRIFT,KIT,VAULT,F+R	NOT SHOWN



VAULT 414
VAULT J414

NOTES

1. See raceface.com for service and repair instructional videos
2. Remove end caps by hand, if tight try using a rubber glove or blind bearing puller tool
3. Always install rotor side bearing first
4. End caps are the same for both ends of the hub
5. Lube outside facing bearing seals and end cap seals with light grease



V1.3.9.27.19

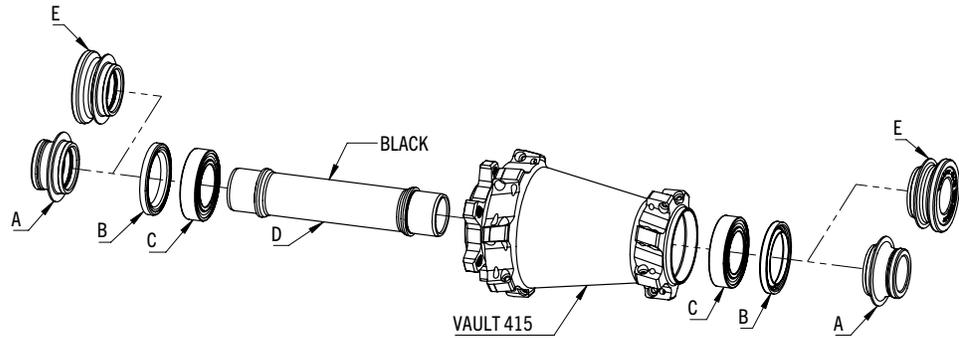
Part Number	Description	Part Included
F60121	AXLE,VAULT,FRONT,415 BOOST,BLACK	D
F60123	BEARING,18X30,CN,AM	C
F60142	SEAL KIT VAULT FRONT 415 AM	B,B
F60100	ENDCAP SET,VAULT,415,15x110 BOOST	A, A
F60122	ENDCAP SET,VAULT,F,415,15x110 BOOST,TRQ CAP	E, E
D60185	BEARING,DRIFT,KIT,VAULT,F+R	NOT SHOWN

RACEFACE

VAULT 415

NOTES

1. See raceface.com for service and repair instructional videos
2. Remove end caps by hand, if tight try using a rubber glove or blind bearing puller tool
3. Always install rotor side bearing first
4. End caps are the same for both ends of the hub
5. Lube outside facing bearing seals and end cap seals with light grease



V2.1 3.14.19

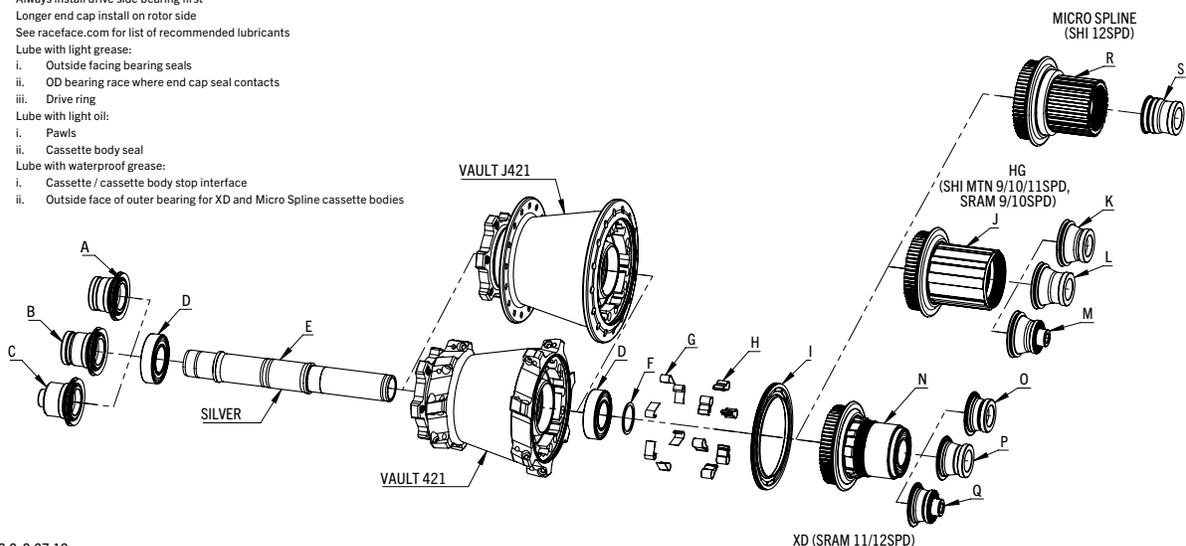
Part Number	Description	Part Included
F60061	AXLE,VAULT,REAR,421,SILVER	E
F60078	BEARING,6902 CM	D
F60063	ENDCAP SET,VAULT,R,12X142	B,L,P,S
F60066	ENDCAP SET,VAULT,REAR,12X135	A,K,O
F60069	ENDCAP SET,VAULT,REAR,421,10X135QR	C,M,Q
F60072	SEAL,VAULT,CASSETTE BODY,BLACK	I
F60074	PAWL AND SPRING KIT,VAULT	GX6, HX6
D60073	SPACER VAULT CASSETTE BODY SILVER	F
F60076	CASS BODY,VAULT,SHI MTN 9/10/11SPD, 60T	F,J,L
F60077	CASS BODY,VAULT,XD,60T	F,N,P
F60144	CASS BODY,VAULT,MICRO SPLINE SHI12,60T	F,R,S
D60185	BEARING,DRIFT,KIT,VAULT,F+R	NOT SHOWN

RACEFACE

VAULT 421
VAULT J421

NOTES

1. See raceface.com for service and repair instructional videos
2. Remove end caps by hand, if tight try using a rubber glove or blind bearing puller tool
3. Always install drive side bearing first
4. Longer end cap install on rotor side
5. See raceface.com for list of recommended lubricants
6. Lube with light grease:
 - i. Outside facing bearing seals
 - ii. OD bearing race where end cap seal contacts
 - iii. Drive ring
7. Lube with light oil:
 - i. Pawls
 - ii. Cassette body seal
8. Lube with waterproof grease:
 - i. Cassette / cassette body stop interface
 - ii. Outside face of outer bearing for XD and Micro Spline cassette bodies



V2.2 9.27.19

XD (SRAM 11/12SPD)

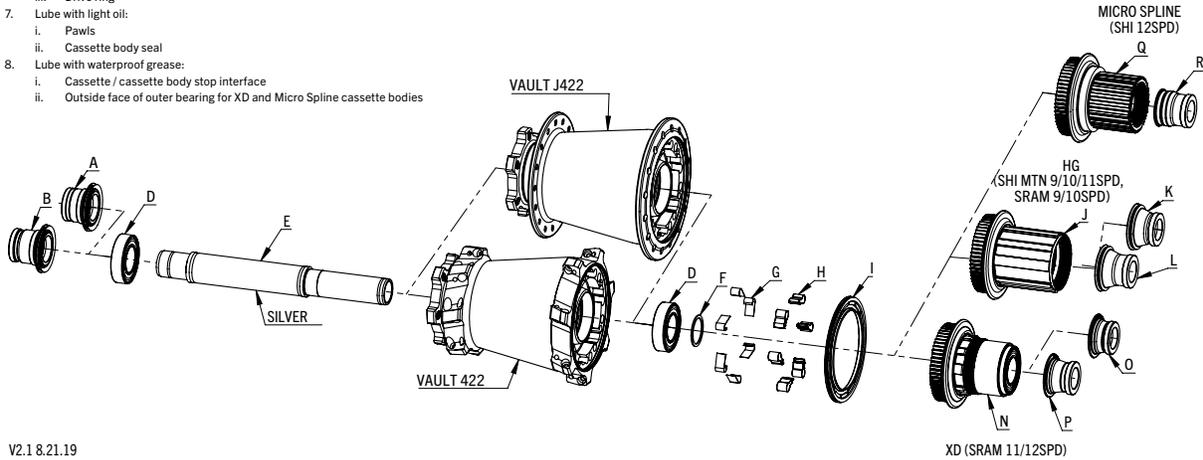
Part Number	Description	Part Included
F60088	AXLE,VAULT,REAR,422 SILVER	E
F60078	BEARING,6902 CM	D
F60063	ENDCAP SET,VAULT,REAR,12X157	B,L,P,R
F60066	ENDCAP SET,VAULT,REAR,12X150	A,K,O
F60072	SEAL,VAULT,CASSETTE BODY,BLACK	I
F60074	PAWL AND SPRING KIT,VAULT	GX6, HX6
D60073	SPACER VAULT CASSETTE BODY SILVER	F
F60076	CASS BODY,VAULT,SHI MTN 9/10/11SPD, 60T	F,J,L
F60077	CASS BODY,VAULT,XD,60T	F,N,P
F60144	CASS BODY,VAULT,MICRO SPLINE SHI12,60T	F,Q,R
D60185	BEARING,DRIFT,KIT,VAULT,F+R	NOT SHOWN

RACEFACE

VAULT 422
VAULT J422

NOTES

- See raceface.com for service and repair instructional videos
- Remove end caps by hand, if tight try using a rubber glove or blind bearing puller tool
- Always install drive side bearing first
- Longer end cap install on rotor side
- See raceface.com for list of recommended lubricants
- Lube with light grease:
 - Outside facing bearing seals
 - OD bearing race where end cap seal contacts
 - Drive ring
- Lube with light oil:
 - Pawls
 - Cassette body seal
- Lube with waterproof grease:
 - Cassette / cassette body stop interface
 - Outside face of outer bearing for XD and Micro Spline cassette bodies



V2.1 8.21.19

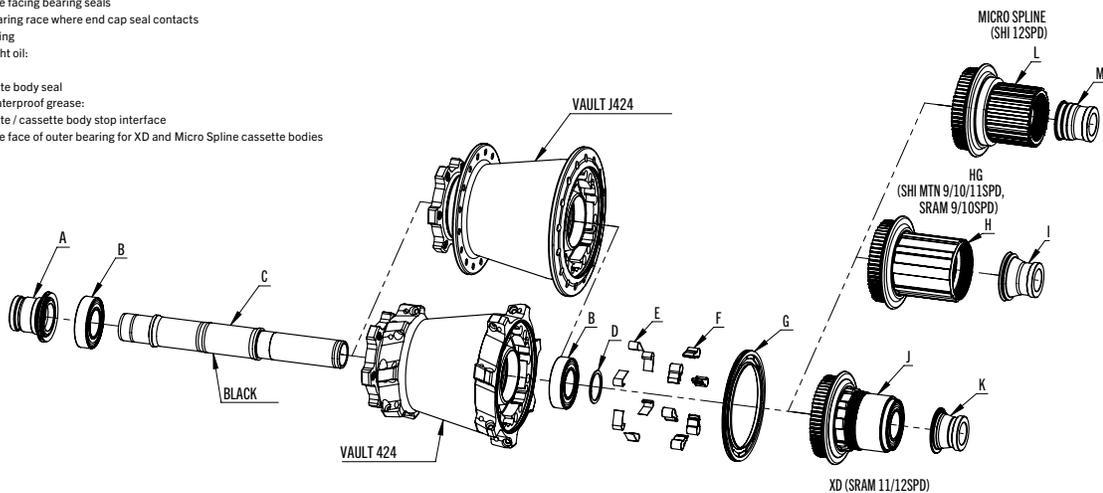
Part Number	Description	Part Included
F60062	AXLE,VAULT,REAR,424,BOOST,BLACK	C
F60078	BEARING,6902 CM	B
F60063	ENDCAP SET,VAULT,R,12x148	A,I,K,M
F60072	SEAL,VAULT,CASSETTE BODY,BLACK	G
F60074	PAWL AND SPRING KIT,VAULT	E x 6, F x 6
D60073	SPACER VAULT CASSETTE BODY SILVER AM	D
F60076	CASS BODY VAULT SHI MTN, 9/10/11SPD, 60T AM	D,H,I
F60077	CASS BODY,VAULT,SRAM,XD,60T	D,J,K
F60144	CASS BODY,VAULT,MICRO SPLINE SHI12,60T	D,L,M
D60185	BEARING,DRIFT,KIT,VAULT,F+R	NOT SHOWN

RACEFACE

VAULT 424
VAULT J424

NOTES

- See raceface.com for service and repair instructional videos
- Remove end caps by hand, if tight try using a rubber glove or blind bearing puller tool
- Always install drive side bearing first
- Longer end cap install on rotor side
- See raceface.com for list of recommended lubricants
- Lube with light grease:
 - Outside facing bearing seals
 - OD bearing race where end cap seal contacts
 - Drive ring
- Lube with light oil:
 - Pawls
 - Cassette body seal
- Lube with waterproof grease:
 - Cassette / cassette body stop interface
 - Outside face of outer bearing for XD and Micro Spline cassette bodies



V2.2 9.27.19

APPENDIX B – VAULT SPARE PARTS LIST

- Compatible part.
- Alternate option. Avoid mixing different spoke types when possible.

Part #	Description	Turbine R 30	Turbine R 35	Neot R 31	Atlas	Neot R 36	Neot SL 26	Turbine SL 25
F60054	AXLE,VAULT,FRONT,412,SILVER	•		•	•			
F60055	AXLE,VAULT,FRONT,414 BOOST,BLACK	•		•	•	•		
F60121	AXLE,VAULT,FRONT,415 BOOST,BLACK		•				•	•
8022802	AXLE,VAULT,FRONT,516 GOLD AM							
F60061	AXLE,VAULT,REAR,421,SILVER	•		•				
F60088	AXLE,VAULT,REAR,422 SILVER	•	•	•	•	•	•	•
F60062	AXLE,VAULT,REAR,424,BOOST BLACK	•	•	•		•	•	•
8022797	AXLE,VAULT,REAR,525 GOLD AM							
F60079	BEARING 15267 CM	•	•	•	•	•	•	•
8022799	BEARING 15267 CM AM	◦	◦	◦	◦	◦	◦	◦
8022803	BEARING 18X30 CN AM						◦	◦
F60123	BEARING 18X30 CN,AM		•				•	•
F60060	BEARING 6805 CM	•		•	•	•		
F60078	BEARING 6902 CM	•	•	•	•	•	•	•
8022798	BEARING 6902 CM AM	◦	◦	◦	◦	◦	◦	◦
8022793	CASS BODY VAULT CAMPY 60T AM	◦	◦	◦	◦	◦	◦	◦
8022792	CASS BODY VAULT SHI 11SPD ROAD 60T AM	◦	◦	◦	◦	◦	◦	◦
F60076	CASS BODY VAULT SHI MTN, 9/10/11SPD, 60T AM	•	•	•	•	•	•	•
F60077	CASS BODY VAULT XD 60T AM	•	•	•	•	•	•	•
8022970	CASS BODY VAULT XDR 60T AM	◦	◦	◦	◦	◦	◦	◦
F60144	CASS BODY,VAULT,MICRO SPLINE SHI12,60T	•	•	•	•	•	•	•
B60030	DECAL SHEET,NEXT R 31,27.5,BLK			•				
B60038	DECAL SHEET,NEXT R 31,29,BLK			•				
B60031	DECAL SHEET,NEXT R 36,27.5,BLK					•		
B60032	DECAL SHEET,NEXT R 36,29,BLK					•		
B60033	DECAL SHEET,NEXT SL 26,29,BLK						•	
F60185	BEARING,DRIFT,KIT,VAULT,F+R, AM	•	•	•	•	•	•	•
8022796	ENDCAP SET VAULT 525 R 10x135QR AM							
8022795	ENDCAP SET VAULT 525 R 12x142 AM							
8022805	ENDCAP SET VAULT F 516 12x100 AM							
8022806	ENDCAP SET VAULT F 516 15x100 AM							
8022804	ENDCAP SET VAULT F 516 9x100QR AM							
F60100	ENDCAP SET,VAULT,415,15X110						•	•
F60057	ENDCAP SET,VAULT,F,412,20X110	•		•	•			
F60058	ENDCAP SET,VAULT,F,412,9X100,QR	•		•	•			
F60056	ENDCAP SET,VAULT,F,412/414,15MM	•		•	•	•		
F60059	ENDCAP ET,VAULT,F,412/414,15MM,TRQ CAP	•		•	•	•		
F60086	ENDCAP SET,VAULT,F,414,20X110,BOOST				•			
F60122	ENDCAP SET,VAULT,F,415,15MM,TRQ CAP		•				•	•
F60066	ENDCAP SET,VAULT,R,12X135/150	•	•	•	•			
F60063	ENDCAP SET,VAULT,R,12X142/148/157	•	•	•	•	•	•	•
F60069	ENDCAP SET,VAULT,R,421,10X135QR	•	•	•	•			
F60020	MTN TUBELESS KIT,VALVE X2 /TAPE 10MX22MM							◦

F60021	MTN TUBELESS KIT,VALVE X2 /TAPE 10MX29MM	•	•	•	•		•	•
F60022	MTN TUBELESS KIT,VALVE X2 /TAPE 10MX37MM					•		
2031810	NIPPLE,ALLOY,BLACK	•	•	•	•	○	○	○
D60114	NIPPLE,ALLOY,DOUBLE SQUARE,2.0x16,SL,BLK	○	○	○	○	•	•	•
8022801	PAWL & SPRING KIT VAULT AM	○	○	○	○	○	○	○
F60074	PAWL AND SPRING KIT,VAULT	•	•	•	•	•	•	•
8022977	RIM EC90 AERO55 DISC 24H 19							
8022978	RIM EC90 AERO85 DISC 24H 19							
8022976	RIM EC90 SL38 DISC 24H 19							
8023144	RIM, EC90 AX, DISC, 24, 700c, 24H							
ORM18A3027.528H	RIM,ATLAS,30,27.5",28H,ASYM,BLK				•			
ORM18A302928H	RIM,ATLAS,30,29",28H,ASYM,BLK				•			
8023049	RIM,EA90 AX DISC 24H 700c							
ORM18NXR3127.528H	RIM,NEXT R,31,27.5",28H,ASYM,BLACK G/M			•				
ORM18NXR312928H	RIM,NEXT R,31,29",28H,ASYM,BLACK G/M			•				
ORM19NXR3627.528H	RIM,NEXT R,36,27.5",28H,OFFSET,BLACK					•		
ORM19NXR362928H	RIM,NEXT R,36,29",28H,OFFSET,BLACK					•		
ORM19NXSL262928H	RIM,NEXT SL,26,29",28H,OFFSET,BLACK						•	
ORM17TUR3027.528H	RIM,TURBINE R,27.5",28H,ASYM,BLACK G/M	•	•					
ORM17TUR302928H	RIM,TURBINE R,29",28H,ASYM,BLACK G/M	•	•					
ORM20TURSLSL252928H	RIM,TURBINE SL,25,29",28H,BLK							•
8022374	ROAD TUBELESS KIT Valvex2 Tape10mx22mm							
F60142	SEAL KIT VAULT FRONT 415 AM						•	•
8022807	SEAL KIT VAULT FRONT 516 AM						○	○
8022800	SEAL VAULT ROAD CASSETTE BODY BLACK AM							
F60072	SEAL,VAULT,CASSETTE BODY,BLACK	•	•	•	•	•	•	•
8022827	SPACER VAULT CASSETTE BODY SILVER AM	○	○	○	○	○	○	○
D60073	SPACER,VAULT,CASSETTE BODY,SILVER	•	•	•	•	•	•	•
8022776	SPOKE SP 2.0/1.7 289 BLK							
8006004	SPOKE SS S.P CXRAY 263 BLK							
D60117	Spoke,SS,S.P,2/0/1.65,TCS,295mm,BLK							
D60092	SPOKE,SS,S.P.2.0/1.5,280MM,BLK			•		○		
D60080	SPOKE,SS,S.P.2.0/1.5,284MM,BLK	•	•					
D60093	SPOKE,SS,S.P.2.0/1.5,299MM,BLK			•		○		
D60081	SPOKE,SS,S.P.2.0/1.5,303MM,BLK	•	•				○	○
D60120	SPOKE,SS,S.P.2.0/1.5,TCS,303MM,BLK	○	○				•	•
D60115	SPOKE,SS,S.P.2.0/1.65,TCS,280MM,BLK			○		•		
D60112	SPOKE,SS,S.P.2.0/1.65,TCS,299MM,BLK			○		•		
D60090	SPOKE,SS,S.P.2.0/1.8,282MM,BLK				•			
D60091	SPOKE,SS,S.P.2.0/1.8,301MM,BLK				•			
D60140	SPOKE,SS,S.P.CX RAY 234 BLK							
D60141	SPOKE,SS,S.P.CX RAY 280 BLK							
8023050	SPOKE,SS,SP,2.0/1.65,TCS,297MM							
8022218	TUBELESS VALVE w/Removable Core 46mm							
8022376	TUBELESS VALVE w/Removable Core 58mm							
8007749	TUBELESS VALVE w/Removable Core 75mm							
D60154	TUBELESS VALVE,W/R CORE 105MM							
D60046	TUBELESS VALVE,W/R CORE 41MM	•	•	•	•	•	•	•