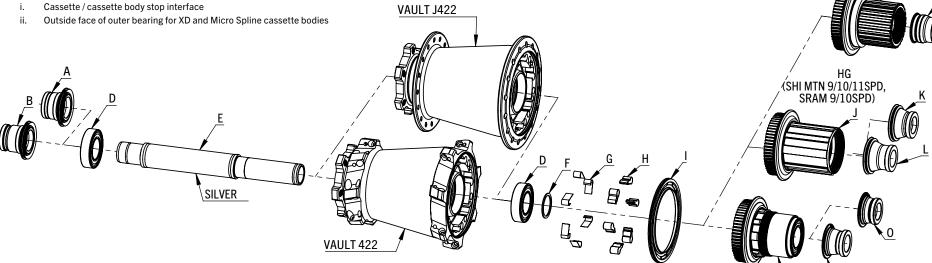
Part Number	Description	Part Included
F60088	AXLE,VAULT,REAR,422 SILVER	E
F60078	BEARING,6902 CM	D
F60063	ENDCAP SET,VAULT,REAR,12X157	B,L,P,R
F60066	ENDCAP SET, VAULT, REAR, 12X150	A,K,O
F60072	SEAL,VAULT,CASSETTE BODY,BLACK	1
F60074	PAWL AND SPRING KIT, VAULT	GX6, HX6
D60073	SPACER VAULT CASSETTE BODY 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

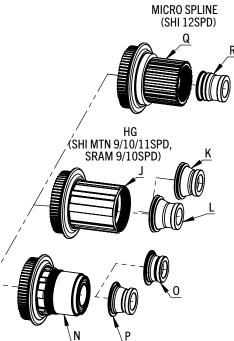
NOTES

- 1. 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 3.
- Longer end cap install on rotor side
- 5. See raceface.com for list of recommended lubricants
- Lube with light grease:
 - 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:





VAULT 422 VAULT J422



V2.1 8.21.19

XD (SRAM 11/12SPD)

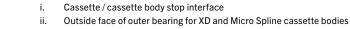
Part Number	Description	Part Included
F60061	AXLE,VAULT,REAR,421,SILVER	E
F60078	BEARING,6902 CM	D
F60063	ENDCAP SET,VAULT,R,12X142	B,L,P,S
F60066	ENDCAP SET, VAULT, REAR, 12X135	A,K,O
F60069	ENDCAP SET, VAULT, REAR, 421, 10X135QR	C,M,Q
F60072	SEAL, VAULT, CASSETTE BODY, BLACK	I
F60074	PAWL AND SPRING 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

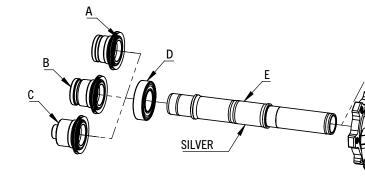
VAULT J421

VAULT 421

NOTES

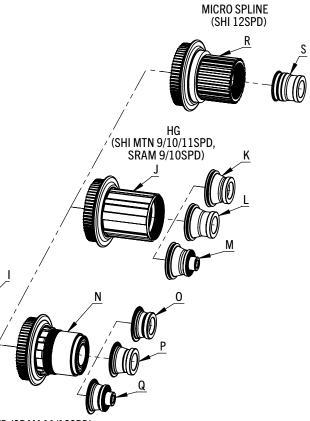
- 1. See raceface.com for service and repair instructional videos
- 2. Remove end caps by hand, if tight try using a rubber glove or blind bearing puller tool
- 3. Always install drive side bearing first
- 4. Longer end cap install on rotor side
- 5. See raceface.com for list of recommended lubricants
- 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 sealLube with waterproof grease:







VAULT 421 VAULT J421



XD (SRAM 11/12SPD)

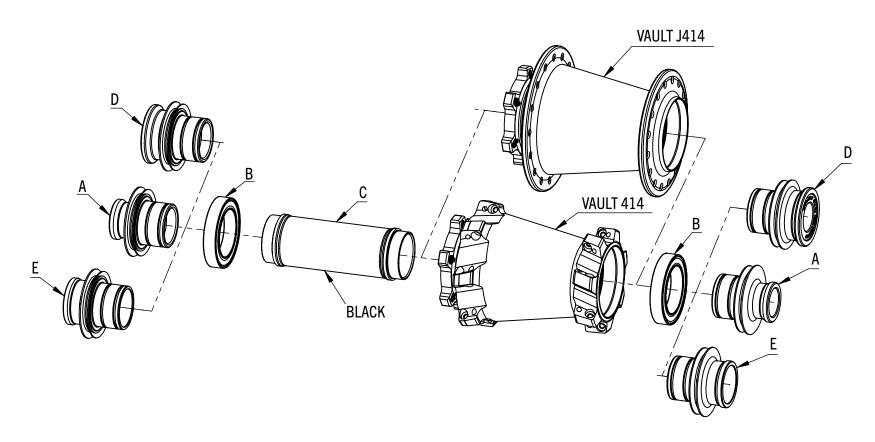
Part Number	Description	Part Included
F60055	AXLE,VAULT,FRONT,414 BOOST,BLACK	С
F60060	BEARING 6805 CM	В
F60056	ENDCAP SET,VAULT,F,15x110 BOOST	A,A
F60059	ENDCAP SET, VAULT, F, 15x110 BOOST, TORQUE CAP	D,D
F60086	ENDCAP SET, VAULT, F, 414, 20X110 BOOST	E,E
D60185	BEARING, DRIFT, KIT, VAULT, F+R	NOT SHOWN

TRACEFACE

VAULT 414 VAULT J414

NOTES

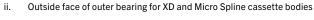
- 1. See raceface.com for service and repair instructional videos
- 2. Remove end caps by hand, if tight try using a rubber glove or blind bearing puller tool
- 3. Always install rotor side bearing first
- 4. End caps are the same for both ends of the hub
- 5. Lube outside facing bearing seals and end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

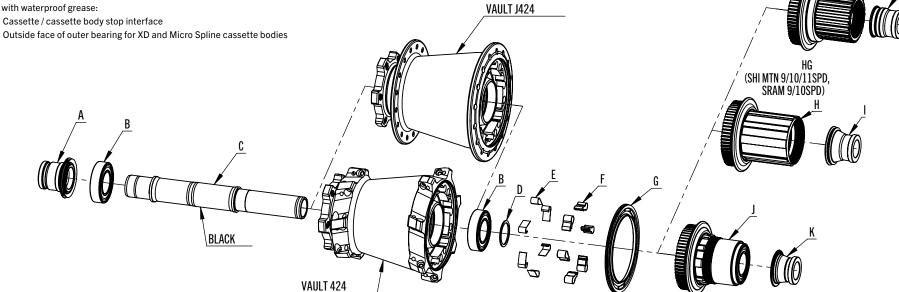


Part Number	Description	Part Included
F60062	AXLE,VAULT,REAR,424,B00ST,BLACK	С
F60078	BEARING,6902 CM	В
F60063	ENDCAP SET, VAULT, R, 12x148	A,I,K,M
F60072	SEAL, VAULT, CASSETTE BODY, BLACK	G
F60074	PAWL AND SPRING KIT, VAULT	E x 6, F x 6
D60073	SPACER VAULT CASSETTE BODY SILVER AM	D
F60076	CASS BODY 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

NOTES

- 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
- 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
- 7. Lube with light oil:
 - i. Pawls
 - Cassette body seal
- 8. Lube with waterproof grease:







VAULT 424 VAULT J424

MICRO SPLINE (SHI 12SPD)

XD (SRAM 11/12SPD)

Part Number	Description	Part Included
F60054	AXLE,VAULT,FRONT,412,SILVER	С
F60060	BEARING 6805 CM	В
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

TRACEFACE

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

