



Club Fitting Report

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Type: Standard Fit Driver Fitting
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On behalf of the entire team, we would like to thank you for selecting us to assist you in the fitting of your new golf equipment. Please do not hesitate to contact us in the future.

Standard Report

This fitting report contains the following sections:

- **Stock Club Report**

Displays the stock clubs which will improve your performance, based upon the control club swing data.

- **Best Club Report**

Displays the selected after-market shafts which will help to further optimize performance.

- **After-Market Shaft Report**

Displays the selected after-market shafts which will help to further optimize performance.

- **Ball Report**

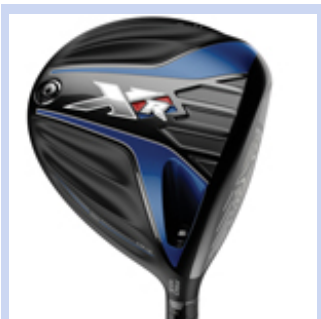
Displays the best golf balls which will optimize performance based on data and player price/performance preferences.

- **Raw Data**

Displays the raw swing data from the fitting.

Club Report

Overview



Control Club	Recommended	Recommended	Recommended
Callaway	TaylorMade	Callaway	Cobra
2016 XR Pro 16 [9.0 STD N]	2017 M1 440 [CG LOW] [10.5 -2.0 D]	2017 EPIC SubZero [Low CG] [9.0* S D]	2017 F7 Plus [FWD CG] [Draw]
9.00	8.50	9.00	8.50
S	X	X	X
graphite	graphite	graphite	graphite
Fujikura	Mitsubishi	Fujikura	Fujikura
Speeder Evolution TS 665	KuroKage DC TiNi 60	Pro Green 62	Speeder PRO XLR8 61

Analysis

Parameter	Units	Actual	Optimum	Diff
Club Speed	MPH	107.0	107.0	---
Ball Speed	MPH	154.3	160.5	6.2
Distance	Yards	207.2	272.0	64.8
Direction	Yards	34.0	0.0	-34.0
Launch	DEG			
Back Spin	RPM			
Descent	DEG			
Loft	DEG	9.0	9.0	0
Flex		S	X	---

Your analysis is based upon the averages of your control club swings. These averages are compared against the optimals for key ball flight parameters including launch angle, backspin, side spin, deviation, etc. based upon your clubhead speed of 107.0 miles per hour.

Distance
Based upon your clubhead speed, your optimal distance is 272.0 yards. Your actual distance is

Fitting Recommendation

The clubs which have been recommended have the same characteristics which are:

Lower Launch Angle

These clubs were recommended based upon your current launch conditions. They create lower dynamic launch angles. Currently your launch angle is too high for your velocity. By lowering your launch angle you will create a better ball trajectory and increase your overall distance.

Spin Rate Reduction

The current clubs promote lower spin rates. Your current spin rate is too high based upon your ball velocity. By lowering your spin rate, you will increase your distance and generate a better overall trajectory because the kinetic energy is not lost in vertical climb.

Fade Reduction

Based upon your combination of launch deviation angle, side spin, and direction, you require clubs which have a draw bias. This is done statically by adjusting the weight of the

207.2 yards, or 64.8 yards shy of the optimal. Changes in [Launch Angle, Backspin, Ball Flight] can help you reach your optimal performance and improve your distance.

Launch Angle

Your optimal launch angle is 13.20 degrees with an acceptable range from 12.2 to 14.2 degrees. Your actual launch angle is 14.6 degrees, or 1.4 degrees above the optimal.

Descent Angle

Your optimal descent angle is 36.0 degrees with an acceptable range from 33.0 to 39.0 degrees. Your descent angle is 41.4 degrees, or 5.4 degrees above the optimal.

BackSpin

Your optimal backspin is 2560.00 RPM with an acceptable range from 2360 to 2760 RPM. Your actual backspin is 3408.00 RPM, or 848 RPMs above the optimal.

Direction

Your actual average direction or shot deviation is 34.0 yards from the center line. Your Launch Deviation Angle, which is the vector or degrees that the ball is launched laterally from its position on the tee/ground, is 0.52 degrees with a side spin of 1117.00 RPMs. Launch Deviation Angles away from the target line to the left will be negative (-) and to the right of the target line will be positive (+).

club to the heel, closing the club face, and dynamically by affecting the ball flight so that the ball has a right to left tendency. These components will help to create a straighter ball flight for the player that has a tendency to fade or slice the ball.

Player Preferences

The following preference(s) were utilized as part of this fitting recommendation: .

Best Club Report

The Club



TaylorMade
2017 M1 440 [CG LOW] [1]
Loft: 8.50
Flex: X

Recommendation

Based on the overall results from the launch data of the clubs you tested, the TaylorMade 2017 M1 440 [CG LOW] [10.5 | -2.0 | D] provides the best performance for you. Compared with other clubs in the session, the TaylorMade 2017 M1 440 [CG LOW] [10.5 | -2.0 | D] was ranked number one in Distance, Launch Angle, Backspin, and Descent Angle. In addition, the club ranked high in Sidespin. This club, however, was lower or weaker in Range and Distance Control. Regarding performance against optimums, the TaylorMade 2017 M1 440 [CG LOW] [10.5 | -2.0 | D] qualified for the highest performance rating in Distance, Launch Angle, Backspin, Sidespin, and Descent Angle. In addition, the club ranked high in Shot Efficiency and Deviation. This club, however, was lower or weaker in Range.

Best
 Within Range
 Outside Range


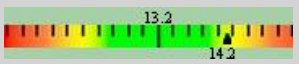

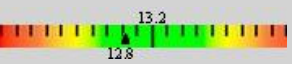

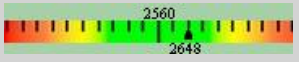


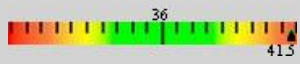


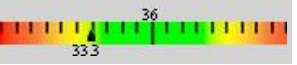


Comparison

Club Make	Callaway	TaylorMade	Callaway	Cobra
Club Model	2016 XR Pro 16 [9.0 STD N]	2017 M1 440 [CG LOW] [10.5 -2.0 D]	2017 EPIC SubZero [Low CG] [9.0* S D]	2017 F7 Plus [FWD CG] [Draw]
Loft	9.00	8.50	9.00	8.50
Shaft	Fujikura Speeder Evolution TS 665	Mitsubishi KuroKage DC TiNi 60	Fujikura Pro Green 62	Fujikura Speeder PRO XLR8 61
Flex	S	X	X	X
Material	graphite	graphite	graphite	graphite
Type	stock	stock	stock	stock
Final Ranking	4	1	2	3

Overall Performance

Clustering Diameter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Distance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Descent Angle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Launch	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Backspin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Deviation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Shot Efficiency	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Shot Efficiency	1	3	2	4
Average Ball Speed (MPH)	154.3	153.4	153.8	150.8
Average Clubhead Speed (MPH)	104.7	104.2	103.4	103.2
Total Distance	4	1	2	3
Average (Yards)	222.5	228.2	225.8	223.4
Best (Yards)	227.0	235.0	229.0	228.0
Range (Yards)	7.0	13.0	9.0	8.0
Std Dev (Yards)	2.2	5.7	3.1	2.7
Carry Distance	2	1	3	4
Average (Yards)	207.2	208.8	205.6	203.4
Best (Yards)	211.0	217.0	209.0	208.0

Distance Control (Yards)	7.0	16.0	9.0	8.0
Std Dev (Yards)	2.3	6.2	3.1	2.7
Launch Angle	2	1	1	1
Optimal (degrees)				
Consistency(degrees)	1.40	0.96	0.68	0.40
Std Dev (degrees)	0.60	1.03	0.60	0.45
Direction/Deviation	1	4	2	3
Clustering Diameter (Yards)	17.4	32.0	29.4	31.4
Off Line (Yards)	33.6	11.0	12.2	8.9
Lateral Dispersion (Yards)	24.4 / 41.1	-10.0 / 21.4	-13.6 / 14.4	-17.0 / 14.3
Lateral Control (Yards)	16.7	18.1	4.6	16.5
Side Spin (RPM)	1116	105	108	-13
Back Spin	3	1	1	1
Optimal (RPM)				
Consistency (RPM)	848	88	76	70
Descent Angle	2	1	2	1
Optimal (degrees)				
Consistency(degrees)	5.45	1.90	3.06	2.72



Graphite Design Tour AD GP 6

Brand new for the 2016 season, Graphite Design introduces the latest in the Tour AD premium line of golf shafts, the Tour AD GP. Designed and manufactured at the Graphite Design Japan factory headquarters, the new Tour AD GP wood shaft is available in 50g R2, R1 and S flex, 60g SR, S and X flex, 70g S and X flex and 80g S and X flex. The Tour AD GP, like its predecessors, utilizes premium, aerospace quality 50t carbon-fiber materials in order to deliver the best feeling and performing shaft available to golfers. Designed with a very stiff tip and stiffer mid to butt section to promote a mid-launch condition and low spin, the Tour AD GP also utilizes the latest in graphite material from Toray Industries, Inc., TORAYCA® T1100G carbon-fiber pre-preg with NANOALLOY® technology in the tip section of the shaft for additional shaft stability, exceptional feel and precise ball control. If you are looking for a super-premium graphite golf shaft for your Driver or Fairway woods, the new Tour AD GP may just be for you and the Greatest Performing shaft you ever hit. Features & Technology: TORAYCA® T1100G carbon-fiber pre-preg with NANOALLOY® technology for increased stability in the mid to tip region and unsurpassed feel. 50 ton ultra-premium, high modulus, aerospace quality carbon fiber materials. Graphite Design proprietary Material Stiffness Integration [MSI] design philosophy and technology.

Flex	Weight	Torque	Bend Point	Tip Dia.	Butt Dia.
X	68 gm	3.4*	Mid	0.000	0.000



Mitsubishi KuroKage DC TiNi 60

We've taken KURO KAGE™ Silver TiNi and fortified the tip-section with additional Titanium Nickel [TiNi] Wire. Twice the TiNi Wire for even better performance. More stability. More power. More control. The KURO KAGE™ Silver Dual-Core TiNi Series is Mitsubishi Rayon's latest design innovation featuring a Carbon Fiber, elastic titanium nickel wire [TiNi] blend in the tip-section. This new KURO KAGE™ Silver Dual-Core TiNi Series features the same bend profile as its predecessor, Low Resin Content [LRC] prepreg, and for the first time two layers of TiNi Wire in the tip-section [Dual-Core TiNi]. We've incorporated twice the TiNi Wire in the tip-section to deliver more stability, power and control. Feel the difference.

Flex	Weight	Torque	Bend Point	Tip Dia.	Butt Dia.
X	68 gm	3.4*	Mid	0.000	0.000



Aldila NV 2KXV Orange

When the original NV, featuring Micro Laminate Technology®, was introduced it quickly became the number one aftermarket golf shaft ever offered, a favorite of Tour pros and amateurs alike. After years of development, Aldila has created NexGen Micro Laminate Technology™ - new, even thinner high performance carbon fibers combined with today's advanced fiber resin technology. The result is even more layers of carbon fiber offering maximum consistency and performance. What separated the original NV from the other shafts available was what some referred to as its 'perfect feel'. The 2KXV

provides for even better feel and performance. Available in the standard Green design or for those seeking a slightly higher ball flight, there is the Orange design.

Flex	Weight	Torque	Bend Point	Tip Dia.	Butt Dia.
X	68 gm	4.5*	Mid	0.000	0.000

Best Golf Ball Report

Overview



Control Ball
Bridgestone
TOUR B RXS



Recommended Ball
Bridgestone
TOUR B XS



Recommended Ball
Wilson
Duo Urethane



Recommended Ball
Titleist
ProV1x

Analysis

Parameter	Units	Actual	Optimum	Diff
Back Spin	RPM	2589	2560	-29.2

Your analysis is based upon your performance data from the launch monitor, your user preferences, and the characteristics of the Bridgestone TOUR B RXS (selected control golf ball).

Tour Grade Ball

Based upon your clubhead speed, performance, and preferences, the Performance Grade Balls would be best for you. Performance Grade Balls have good overall quality, good accuracy, medium feel, and medium consistent spin rates off short irons. This class of golf ball has good durability.

Target Spin Ball

Based upon your backspin of 2589.20 RPMs for a club speed of 107.00 MPH, your optimal backspin is 2560 RPMs with a range from 2360 to 2760. You are within range of your optimal backspin. The balls highlighted above have been shown to have similar spin characteristics to that of Bridgestone TOUR B RXS during robotic and player testing.

Recommended Balls

Bridgestone TOUR B XS
(no text available)>

Wilson Duo Urethane
(no text available)>

Titleist ProV1x
(no text available)>

Control Club Data

Callaway 2016 XR Pro 16 [9.0 | STD | N] 9.00 S

Swing	Club Speed	Ball Speed	PTI	Total	Carry	Dev	Launch	Launch Dev	Back Spin	Side Spin
	(MPH)	(MPH)		(Yards)	(Yards)	(Yards)	(degrees)	(degrees)	(RPM)	(RPM)
1	107.0	158.0	1.47	227.0	211.0	24.4	13.80	-1.10	3222	1009
2	104.0	154.0	1.48	221.0	206.0	41.1	13.80	0.90	3501	1346
3	104.0	153.0	1.47	222.0	206.0	34.9	15.10	0.80	3423	1117
4	103.0	150.0	1.45	220.0	204.0	28.8	14.60	1.50	3516	828
5	105.0	156.0	1.48	223.0	209.0	37.4	15.10	0.10	3445	1301
6	105.0	155.0	1.47	222.0	207.0	35.2	15.20	0.90	3343	1099
Avg*	104.67	154.33	1.47	222.50	207.17	33.63	14.60	0.88	3408.33	1116.67
Range	4.00	8.00	0.03	7.00	7.00	16.70	1.40	2.60	294.00	518.00
Std. Dev	1.25	2.49	0.01	2.22	2.27	5.52	0.60	0.83	100.60	174.07

Stock Club Data

Callaway 2017 EPIC SubZero [Low CG] [9.0* | S | D] 9.00 X

Swing	Club Speed	Ball Speed	PTI	Total	Carry	Dev	Launch	Launch Dev	Back Spin	Side Spin
	(MPH)	(MPH)		(Yards)	(Yards)	(Yards)	(degrees)	(degrees)	(RPM)	(RPM)
7	106.0	158.0	1.49	229.0	209.0	-13.6	11.80	-1.20	2508	-263
8	102.0	153.0	1.49	226.0	206.0	9.8	13.60	0.90	2388	187
9	103.0	150.0	1.45	220.0	200.0	14.4	12.80	0.30	2470	442
10	103.0	154.0	1.48	228.0	208.0	-12.4	12.90	-0.70	2567	-293
11	103.0	154.0	1.49	226.0	205.0	10.8	12.30	-0.80	2502	470
Avg*	103.40	153.80	1.48	225.80	205.60	12.20	12.68	0.78	2487.00	331.00
Range	4.00	8.00	0.04	9.00	9.00	28.00	1.80	2.10	179.00	763.00
Std. Dev	1.36	2.56	0.02	3.12	3.14	12.19	0.60	0.78	58.58	330.84

Cobra 2017 F7 Plus [FWD CG] [Draw] 8.50 X

Swing	Club Speed	Ball Speed	PTI	Total	Carry	Dev	Launch	Launch Dev	Back Spin	Side Spin
	(MPH)	(MPH)		(Yards)	(Yards)	(Yards)	(degrees)	(degrees)	(RPM)	(RPM)
12	103.0	149.0	1.45	222.0	203.0	-7.7	13.80	0.30	2605	-308
13	102.0	151.0	1.47	224.0	204.0	4.9	12.40	-1.20	2710	345
14	105.0	154.0	1.46	228.0	208.0	0.5	13.10	1.20	2555	-158
15	103.0	150.0	1.46	220.0	200.0	-17.0	13.00	-1.10	2506	-422
16	103.0	150.0	1.45	223.0	202.0	14.3	12.90	0.00	2654	478
Avg*	103.20	150.80	1.46	223.40	203.40	8.88	13.04	0.76	2606.00	342.20
Range	3.00	5.00	0.02	8.00	8.00	31.30	1.40	2.40	204.00	900.00
Std. Dev	0.98	1.72	0.01	2.65	2.65	10.70	0.45	0.90	71.72	359.05

TaylorMade 2017 M1 440 [CG LOW] [10.5 | -2.0 | D] 8.50 X

Swing	Club Speed	Ball Speed	PTI	Total	Carry	Dev	Launch	Launch Dev	Back Spin	Side Spin
	(MPH)	(MPH)		(Yards)	(Yards)	(Yards)	(degrees)	(degrees)	(RPM)	(RPM)

17	103.0	152.0	1.47	222.0	201.0	-10.0	11.70	-0.10	2575	-327
18	102.0	150.0	1.46	223.0	204.0	-3.3	14.50	1.30	2413	-294
19	106.0	155.0	1.46	235.0	217.0	8.2	14.30	-0.60	2717	341
20	104.0	152.0	1.45	226.0	207.0	21.4	13.80	1.70	2579	457
21	106.0	158.0	1.48	235.0	215.0	12.3	12.90	0.20	2662	350
Avg*	104.20	153.40	1.46	228.20	208.80	11.04	13.44	0.78	2589.20	353.80
Range	4.00	8.00	0.03	13.00	16.00	31.40	2.80	2.30	304.00	784.00
Std. Dev	1.60	2.80	0.01	5.71	6.21	11.17	1.03	0.86	102.94	342.18