THE KING OF FIGHTERS XV Patch Ver.1.32

Changed Area	Description of Change
■System	
Rollback behavior	Improved rollback performance when lag occurs.
Room Search	Can now search again when looking for a room.
Results	Can now select Order Select on the results screen in Rank Match, Casual Match, Room Match (excluding PARTY VS).
Training Mode Play Side (Offline)	 Added "Play Side (Normal / Inverted)" in the pause menu. Normal: P1 character is controlled by Player 1 controller when training begins or when it is restarted. Inverted: P2 character is controlled by Player 1 controller when training begins or when it is restarted. *Recording information is reset when changing the Play Side.
Training Mode Restart (Both Online and Offline)	 Changed specifics that will now allow players to change their character's position when restarting. ← + Restart Button: Restart on left side of stage (Player 1 character is on the left) → + Restart Button: Restart in middle of stage (Player 1 character is on the left) → + Restart Button: Restart on right side of stage (Player 1 character is on the left) ∠ + Restart Button: Restart on left side of stage (Player 1 character is on the right) ↑ + Restart Button: Restart in middle of stage (Player 1 character is on the right) ▶ + Restart Button: Restart on right side of stage (Player 1 character is on the right) Restart Button: Restarts to position set in the pause menu.
Assigning the Restart button	Assign the Restart Button through BUTTON CONFIG in the Options menu. Players can assign a different button to restart during Training Mode.
Mission Mode	Can now toggle display keys on and off during demo play.
Training Mode Controller recognition (Both Online and Offline)	A controller recognition screen now pops up when heading to Training Mode. If a controller is not connected, then pressing the [Space] key can be used to confirm. *Only on STEAM / Epic Games Store / Windows10
Video Decoder	Added Video Decoder settings under GRAPHICS in the Options Menu. Please change the settings in the Software/Hardware tab if you experience trouble playing videos. *Only on STEAM / Epic Games Store / Windows10

Changed Area	Description of Change
■ General	
Hurtbox during jumps for all characters	• The lower portion of the body hurtbox is now invulnerable to projectiles during jumps. *This does not apply to jump-based attacks from Command Moves or Air Dashes *This does not apply to jump attacks that do not have the normal size of hurtbox.
Crouching LK for all characters	 Reduced damage from 30→15. Reduced stun frames from 30→15. Reduced Guard Crush damage from 60→30.
Blocking	 Increased Power Gauge earned 10→20 when blocking immediately before getting hit with an opponent's attack.
Easing command input window	Some command moves can now be executed even if the button is pressed 1F before the last directional key input.
■SHUN'EI	
Close Standing LK	• Reduced overall frames by 2.
Far Standing HP	 Now cancellable by Command Moves and above. Reduced attack startup from 11F to 9F. Expanded attack hitbox forward.
Crouching HP	Reduced hurtbox size.
Jump HP	• Reduced hurtbox size.
Target Combo 1	2nd hit now cancellable by Special Moves and above.
Sky Axe (Normal Ver.)	Now cancellable from Thruster Vision (Normal Ver.).
Aqua Spear (EX)	• Expanded area that knocks down opponents on hit. (Expanded area is only for when the opponent is in a hit state.)
Rising Efreet (HP Ver.)	Now Blow Backs when hit in-air. Now invulnerable to in-air attacks. Reduced knockback distance on block.
Thruster Vision · Slant, Under	 Now cancellable from Blau Wing. Blau Wing in this instance has a different behavior and landing recovery than the normal version on hit.
Gaianic Burst (Normal Ver.)	Reduced attack startup from 10F to 7F. Now has invulnerability.
Gaianic Burst (MAX)	Increased time invulnerable.
Specter Extension (Normal Ver.)	Can no longer be Advanced / Climax Cancelled from any hit but the last.

Reduced distance travelled backward after attack finishes.
\cdot \leftarrow + LK now connects with only the Cancel Version.
• Increased follow-up attack window after opponent is hit with the route follow-up attack.
Increased distance travelled on first hit.
· Increased movement speed.
• Reduced attack startup from 5F to 4F.
 Expanded attack hitbox forward and downward. Expanded hurtbox forward and downward. Reduced attack startup from 13F to 11F. Now cancellable by Super Special Moves and above.
• Reduced attack startup from 6F to 4F.
• Reduced attack startup from 7F to 6F.
Reduced overall frames by 2.Can now be whiff cancelled.Increased cancel window.
Increased attack frames from 5F to 7F.
Reduced forward-facing hurtbox.
Changed damage from 40/50 to 60/30. Increased route buffer input window duration.
· Increased projectile speed.
· Changed damage from 40/40 to 50/50.
• Reduced overall frames by 10.

Super Jinrai Kick (EX)	Increased distance travelled forward.
Benimaru Rising Shot	 Changed the blow back on hit, and can now OTG. Now pulls opponents closer on first hit. Increased distance travelled on second hit. Changed damage.(180 to 140 for Normal Ver., 310 to 270 for MAX) Increased combo scaling value. Can now be both Advanced Cancelled and Climax Cancelled on second hit.
■ISLA	
Close Standing LP	Reduced attack startup from 5F to 4F.Reduced overall frames by 2.
Close Standing HK	• Expanded attack hitbox upwards.
Crouching LP	Reduced attack startup from 6F to 4F.
Crouching HK	Reduced attack startup from 9F to 7F.
Jump LK	Reduced body hurtbox. Expanded attack hitbox backwards. (Normal and Hyper Jumps only)
Jumping Blow Back	Reduced body hurtbox.
Designs (Normal Ver.)	Reduced attack startup from 15F to 12F.
Fill-In (HP Ver.)	• Reduced overall frames by 2.
Fill-In (EX)	Increased projectile speed after it hits the ground.
Scribe (EX)	Increased buffer input window duration going into the Special Move.
To Front	Can now cancel the startup without having to touch the opponent.
Throwie A (EX) LP during To Front	 Reduced overall frames by 3. Reduced knockback duration when blocking the last hit. Reduced combo scaling value.
Throwie B (EX) LK during To Front	Increased knockback distance on block.
Throwie C (Normal Ver.) HP during To Front	Can now Jump Attack during movement. Increased frames necessary for attack activation.
Throwie C (EX) HP during EX To Front	Can now cancel into Drips.

Drips (Forward, Backward,	
Vertical)	• Reduced body hurtbox when going up in the air.
Piecing B	• Increased attack frames by 2F.
	· Changed the Blow Back for in-air hits when the opponent is in a hit state.
Back to Back	• Expanded attack hitbox.
Wild Style	Changed the damage on the final hit.
	(50 to 70 for Normal, 80 to 100 for MAX)
■DOLORES	
Far Standing HK	Reduced upper-side hitbox.
Crouching LK	• Reduced front-side hitbox.
Jump HK	• Reduced upper-side hitbox.
Qafas Qabl (LP Ver.)	Increased attack frames by 2F.
	(The frames increased are only for when the opponent is in a hit state.)
Qafas Khalfi (HK Ver.)	• Reduced overall frames by 2.
Altariq (B Ver.)	• Reduced overall frames by 3.
Nesh (Normal Ver.)	Decreased throw damage from 120 to 80.
Khalaq al'ard	Greatly increased overall frames.
■HEIDERN	
Blow Back	• Reduced overall frames by 4.
Jump LP	• Expanded attack hitbox upwards.
Storm Bringer	· Added HP Verson.
J -	*HP Ver. has physical properties.
	• Reduced attack startup from 18F to 12F.
	Expanded attack hitbox.Reduced opponent knockback duration by 2F on block.
Stinger (LP Ver.)	Reduced opponent knockback distance on block. Reduced opponent knockback distance on block.
	Behavior on counter hit is now the same as a normal hit. Now mayor forward.
	Now moves forward.

• Expanded attack hitbox.
• Reduced attack startup from 37F to 35F.
Resolved an issue where this couldn't be Super Cancelled.
• Reduced attack startup from 9F to 6F.
• Expanded hitbox upward for the follow-up attack 100 Shiki • Oniyaki.
· Increased movement speed.
• Reduced overall frames by 2.
Reduced cancel window going into Rush Combo.
Now cancellable by Special Moves and above.Expanded attack hitbox forward.
 Reduced attack startup from 9F to 7F. Can now be whiff cancelled. Increased cancel window by 2F.
Reduced upper-side hurtbox on the legs.
Increased cancel window by 4F.
• Reduced overall frames by 6.
• Increased attack frames by 2F.
Reduced knockback distance on hit.
 Reduced attack startup from 6F to 4F. Expanded hitbox upwards on beginning of attack. Startup attack damage carries over for an additional 2F.
• Reduced projectile speed.

127 Shiki • Aoihana1,2	Increased route buffer input window duration.
127 Shiki • Aoihana1 (LP Ver.)	• Expanded attack hitbox forward. (Expanded area is only for when the opponent is in a hit state.)
127 Shiki • Aoihana1,2,3 (EX)	Expanded attack hitbox upwards. (Expanded area is only for when the opponent is in a hit state.)
212 Shiki • Kototsuki In (LK Ver.)	 Is now a move that does not have a hitbox and is used for movement only. Greatly reduced overall frames. Increases Power Gauge by 0.
212 Shiki • Kototsuki In (HK Ver.)	Decreased 5F for OTG startup.
311 Shiki • Tsumakushi (HK Ver.)	 Can now be cancelled into by EX Special Moves other than 311 Shiki · Tsumakushi. Went from Overhead to High. Removed physical attack invulnerability on startup. Increased damage from 50→80.
311 Shiki • Tsumakushi (EX)	Reduced attack startup from 31F to 28F.
■CHIZURU KAGURA	
Dash	Increased movement speed.
Close Standing LP	Reduced overall frames by 1.
Far Standing HP	• Expanded attack hitbox downward.
Far Standing LK	Now cancellable by Command Moves and above.
Close Standing HK	• Expanded attack hitbox forward.
Blow Back	Reduced attack startup from 18F to 12F.
Crouching HP	Now moves forward on startup. Reduced forward-facing hurtbox.
Crouching HK	Reduced downward-facing hurtbox while in motion.
Jump LP	• Expanded attack hitbox forward.
Jump LK	• Expanded attack hitbox backwards.

Jump HP	· Reduced hurtbox size.
Jump HK	Reduced hurtbox size. Increased attack frames by 2F.
Jumping Blow Back	Reduced attack startup from 15F to 12F.
Jumping Blow Back (Hop, Hyper Hop)	Resolved an issue where counters would not trigger during the second half of the attack.
Jo Katsu Cang Cang (Cancel)	Increased distance travelled.
Jo Katsu Zheng Zheng (Cancel)	Increased distance travelled.
212 Katsu Otsu Shiki Choumon no Isshin (Norm. Ver.)	Changed behavior when it lands on-ground. Reduced overall frames by 1F for LK and HK versions.
212 Katsu Shinsoku no Norito (LP, LK Ver.)	Reduced leftover player hurtbox frames by 5F.
212 Katsu Shinsoku no Norito (HP, HK Ver.)	Increased knockback distance on block. Reduced overall frames by 1.
212 Katsu Shinsoku no Norito Ten Zui (Norm. Ver.)	• Expanded attack hitbox forward.
100 Katsu Tenjin no Kotowari (LP Ver.)	Changed damage from 40/40 to 50/50. Reduced attack startup from 9F to 7F.
100 Katsu Tenjin no Kotowari (HP Ver.)	 Now Super Cancellable except on the first hit of Uramen 1 katsu San Rai no Fujin. Changed the blow back on the first hit. Increased hitstop on the first hit. Changed the damage from 60/60 to 90/60.
100 Katsu Tenjin no Kotowari (EX)	Now hard knockdowns on hit.
108 Katsu Tamayura no Shitsune (LP Ver.)	Reduced recovery duration by 8F when reflecting a projectile.
108 Katsu Tamayura no Shitsune (HP Ver.)	Reduced attack startup from 32F to 28F.

108 Katsu Tamayura no Shitsune (EX)	 Reduced attack startup from 22F to 20F. Went from High to Overhead. Reduced overall frames by 2. Changed the blow back on hit. Changed damage from 120 to 80. Reduced traveled distance. Reduced front-side hitbox.
Uramen 85 Katsu Reigi no Ishizue (MAX)	Increased opponent "lock state" duration from 350F to 400F.
Uramen 1 katsu San Rai no Fujin	• Expanded attack hitbox backwards.
■ASH CRIMSON	
Far Standing HP	Now cancellable by Special Moves and above. Expanded attack hitbox downward. Expanded hurtbox downward.
Close Standing HK	Reduced knockback distance on hit.Reduced attack startup from 4F to 6F.
Crouching LP	Reduced attack startup from 5F to 4F.
Crouching HK	Now drops lower to the ground partway through the attack
Jump LP	Increased duration by 2F.
Jump D (Jump, Hyper Jump)	• Expanded attack hitbox backwards.
Ventose (HP Ver.)	Projectile level set to 2 upon firing.
Nivose (HP, EX Ver.)	 Expanded hitbox on the first hit. (Expanded area is only for when the opponent is in a hit state.) Greatly increased landing recovery frames when it doesn't hit.
Genie (EX)	• Expanded attack hitbox backward and forward. (Expanded area is only for when the opponent is in a hit state.)
Germinal Caprice (HK Ver.)	Reduced knockback distance on block.
Germinal Caprice (EX)	Reduced knockback distance on block for the first hit.
Pluviose	Expanded hitbox forward on the first hit.
Sans-culotte	• Expanded attack hitbox forward.

■ ELISABETH BLANCTORCH	E
Close Standing LK	Now cancellable by Command Moves and above.
Far Standing LK	Now cancellable by Command Moves and above.
Crouching LP	Reduced attack startup from 5F to 4F.
Crouching HK	Reduced attack startup from 9F to 7F.
Jump HP	Increased attack frames from 3F to 6F.
Éclair (Cancel)	Reduced attack startup from 16F to 15F.
Coup · de · Vent (EX)	Increased overall frames by 6 when this doesn't hit. Reduced knockback distance on block.
Illusion (EX)	Increased invulnerability duration when triggered.
Grêle (LP Ver.)	Reduced upper-side hitbox. Increased overall frames by 2. Increased knockback distance on block.
Grêle (HP Ver.)	Reduced knockback distance on block.
Grêle (EX)	Decreased damage from 120→80.
Aurore (Normal Ver.)	 Greatly increased overall frames on block. Reduced knockback distance on block. Increased overall frames by 10. Added an LK version. *The LK version does not reflect projectiles, but instead nulls them.
Grand Rafale	• Expanded pushbox upwards.
■ KUKRI	
Far Standing HK	Increased distance travelled.
Blow Back	 Reduced upper and forward-facing side of hitbox. Added a hurtbox for the arms. Reduced traveled distance.
Fussa Ken (Cancel)	• Reduced overall frames by 6.
Nessa Jin (Normal Ver.)	 Reduced upper-side hitbox. (Hitbox is the same as when the opponent is in a hit-state.) Increased flying distance of projectile.

Nessa Jin (LP Ver.)	Reduced knockback duration by 2F when blocking.
Nessa Senpuu	Now considered on-ground.
Nessa Senpuu (HP, HK Ver.)	Reduced knockback distance on block.
Nessa Senpuu (LK Ver.)	Reduced knockback duration by 2F when blocking.
Nessa Senpuu (EX)	 Decreased damage from 145→105. Increased combo scaling value.
Air · Bossa-Shougeki (LP Ver.)	Increased landing recovery by 4F.Changed behavior when it lands.
Air · Bossa-Shougeki (HK Ver.)	Now invulnerable to projectiles during attack.
Air • Bossa-Shougeki (EX)	 Decreased damage from 120→100. Changed trajectory. Decreased landing recovery by 8F.
Genei Sajin (Normal Ver.)	Removed projectile startup protection. (Projectile will now disappear when hit during startup)
Nessa Chugeki (Normal Ver.)	 Changed the projectile position. Increased damage from 65→80. Can now OTG.
Nessa Goku Totsuha	Increased invulnerability duration.
Goku Nessa Housairyu	Decreased the minimum damage from 330 to 245.
■KROHNEN	
Shatter Strike	Changed the motion.
Hyper Hop	Increased distance travelled.
Crouching LP	• Reduced overall frames by 2.
Far Standing LP	Expanded attack hitbox downward.Expanded hurtbox downward.Now cancellable by Special Moves and above.
Far Standing HP	Now cancellable until the 3rd hit. Increases Power Gauge more.

Blow Back	Reduced attack startup from 16F to 12F.
Jump HP (Jump, Hyper Jump)	• Expanded attack hitbox forward.
Jump HP (Hop, Hyper Hop)	Reduced attack startup from 15F to 10F. Expanded attack hitbox forward.
Emergency Slide (Cancel)	Reduced knockback distance on hit. Reduced overall frames by 2.
Jump HK	Increased attack frames by 2F.
Jump HK (Jump, Hyper Jump)	• Expanded attack hitbox backwards.
Blaze Thrower (LP Ver.)	Now blows back on hit.
Heat Shield (LP Ver.)	Changed the blow back on hit. Increased damage from 75→90.
Heat Shield (HP Ver.)	Changed the blow back on hit. Now moves forward on startup.
Heat Shield (EX)	Now moves forward on startup.
Strike Slash (EX)	Reduced attack startup from 28F to 26F.
Infernal Prominence (Normal Ver.)	• Expanded attack hitbox upwards.
Fusion Blaster (Normal Ver.)	 Reduced attack startup from 13F to 9F. Increased projectile speed. Greatly increased knockback duration on hit. Expanded attack hitbox.
■ÁNGEL	
Far Standing LP	• Expanded attack hitbox upwards.
Far Standing HP	Reduced attack startup from 9F to 7F.
Crouching HK	Reduced attack startup from 12F to 10F.
Red Sky	Reduced overall frames on block by 2.Added an HK version.
Red Sky (EX)	Increased movement speed. Increased projectile invulnerability duration.

Mad Murder (EX)	Now shortens the distance from the opponent when it connects.
Circle • Sobat	Lower body now invulnerable to projectiles.
Circle • High	Reduced above-facing hurtbox.
Circle · Feint	Now invulnerable to projectiles.
Circle • Feint (Forward)	Now invulnerable to projectiles.
Circle • Feint (Backward)	Increased distance travelled. Now invulnerable to projectiles.
Finish · Rolling	Reduced overall frames by 3.
Finish · Neck Cutter	Increased damage from 80→100.
Finish • Grapple Kick	 • Increased damage from 60→80. • Expanded forward-facing grab hitbox.
■KULA DIAMOND	
Close Standing LP	Reduced overall frames by 2.
Close Standing LP Far Standing LK	 Reduced overall frames by 2. Resolved an issue where the cancellable version couldn't cancel into One Inch.
Far Standing LK	Resolved an issue where the cancellable version couldn't cancel into One Inch.
Far Standing LK Far Standing HK	 Resolved an issue where the cancellable version couldn't cancel into One Inch. Now cancellable by Special Moves and above. Now able to rapid cancel.
Far Standing LK Far Standing HK Crouching LP	 Resolved an issue where the cancellable version couldn't cancel into One Inch. Now cancellable by Special Moves and above. Now able to rapid cancel. Reduced overall frames by 2.
Far Standing LK Far Standing HK Crouching LP Crouching HP	 Resolved an issue where the cancellable version couldn't cancel into One Inch. Now cancellable by Special Moves and above. Now able to rapid cancel. Reduced overall frames by 2. Now cancellable by Special Moves and above.
Far Standing LK Far Standing HK Crouching LP Crouching HP Jump LP	 Resolved an issue where the cancellable version couldn't cancel into One Inch. Now cancellable by Special Moves and above. Now able to rapid cancel. Reduced overall frames by 2. Now cancellable by Special Moves and above. Expanded attack hitbox backwards.

Diamond Breath (LP Ver.)	Reduced attack startup from 20F to 15F.
Diamond Breath (EX)	• Increased damage from 80→100.
Counter Shell (LP Ver.)	Now does not reflect projectiles, but instead nulls them.
Counter Shell (HP Ver.)	Now hits players who were hit in-air.
Ray Spin (Sit) (EX)	 Reduced overall frames by 10. Reduced block recovery by 2F. Increased opponent hitstop by 2F on hit. Reduced knockback distance on block.
Falling Snowman (Normal version)	Reduced overall frames by 5. Expanded attack hitbox forward and backward.
■YASHIRO NANAKASE	
Close Standing LP	• Reduced overall frames by 1.
Close Standing HK	Expanded distance recognition.
Crouching LP	• Reduced overall frames by 1.
Crouching HP	• Expanded hitbox forward on beginning of attack.
Crouching HK	Is now lower to the ground.
Blow Back	Reduced attack startup from 16F to 14F. Reduced overall frames by 4. Increased distance travelled.
Regret Bash (Cancel)	• Reduced overall frames by 2.
Jump LP	Reduced downward-facing hurtbox. Expanded attack hitbox downward.
Jump HP	Increased attack frames by 2F.
Jump HP (Jump, Hyper Jump)	• Expanded attack hitbox backwards.
Jump LK	Added a hitbox for the legs.
Jump HK	Moved hitbox and hurtbox downward. Added a hitbox for the legs.

Jump HK	Increased attack frames by 1F.
(Jump, Hyper Jump)	,
Jumping Blow Back	 Reduced body hurtbox. (Now the same hurtbox as during a normal jump.) Reduced forward-facing hurtbox. Reduced attack startup from 14F to 12F.
Missile Might Bash (HP Ver.)	Reduced combo scaling value.
Missile Might Bash (EX)	Increased damage for hits other than the last from 20 to 30. Reduced combo scaling value.
Upper Duel (LP Ver.)	 Startup now has a guardpoint. Reduced attack startup from 7F to 6F. Can now Super Cancel from the first hit. Increased damage of first hit from 40 to 60. Now moves forward. Can no longer Super Cancel from the second hit.
Upper Duel (HP Ver.)	 Increased damage of first hit from 40 to 60. Now moves forward. Overall frames reduced when nulling projectiles.
Upper Duel (EX)	 Expanded the guardpoint downward. Reduced attack startup from 7F to 6F. Increased damage of third hit from 40 to 70. Increased command priority over Genocide Cutter (EX).
Jet Counter	Increased route buffer input window duration.
Jet Counter (LP Ver.)	• Reduced overall frames by 2.
Jet Counter (HP Ver.)	Reduced overall frames by 5. Reduced knockback duration by 5F on hit or block.
Jet Counter Still (LP Ver.)	Can follow up with an attack when hit in-air.
Sledgehammer (EX)	 Increased projectile invulnerability duration. Reduced attack startup from 31F to 28F. Reduced overall frames by 6. Expanded pushbox downward.
Final Impact	Now invulnerable to projectiles. Increased distance travelled.
■SHERMIE	
Dash	Increased movement speed.
Far Standing LP	Now cancellable by Command Moves and above.

	First hit now cancellable by Special Moves and above.
Far Standing LK	Reduced knockback distance for the second hit.
Blow Back	Reduced overall frames by 3.
Crouching LP	Reduced overall frames by 2.
Crouching HP	Reduced attack startup from 7F to 5F.
Crouching HK	Now moves forward.
Jump HP (Hop, Hyper Hop)	• Expanded attack hitbox backwards.
Jump HK (Vertical Jump)	Reduced forward-facing hurtbox.
Front Flash	Resolved an issue that caused unnatural behavior when attack connects in certain situations.
Shermie Stand (Normal Ver.)	• Reduced overall frames by 3.
Shermie Stand (Cancel)	Reduced knockback distance for the first hit.
Shermie Spiral (Normal Ver.)	Reduced recovery after connecting.
Shermie Whip	Reduced recovery after connecting.
Shermie Whip (EX)	Reduced distance traveled backward. Expanded attack hitbox forward.
Shermie Clutch (LK Ver.)	Reduced attack startup from 11F to 8F.
Shermie Clutch (EX)	 Reduced attack startup from 8F to 6F. Increased distance travelled forward. Greatly increased landing recovery.
Shermie Shoot	Greatly increased recovery on whiff.
Accel Spin Kick (Normal Ver.)	 Now invulnerable to projectiles during attack. Travels slightly forward until attack startup begins. Changed damage. (65 to 80 for the LK version, 65 to 100 for the HK version.)
Shermie Carnival (Normal Ver.)	Increased opponent knockdown duration. Expanded grab box forward.

■CHRIS	
Close Standing LP	Reduced knockback distance.
Far Standing HP	2nd hit now cancellable by Special Moves and above. Reduced startup for second hit from 18F to 15F.
Close Standing LK	Reduced knockback distance.
Crouching LP	Reduced attack startup from 5F to 4F. Expanded attack hitbox forward.
Blow Back	Can now be whiff cancelled.
Aerial Drop	Resolved an issue that caused unnatural behavior when attack connects in certain situations.
Shooting Dancer Thrust (EX)	Second hit now hard knockdowns.
Direction Change (EX)	Increased damage from 140→160.
■K′	
Close Standing LP	• Reduced overall frames by 1.
Far Standing LP	Expanded attack hitbox upward and forward. Expanded hurtbox forward.
Far Standing LK	• Reduced overall frames by 2.
Far Standing HP	 Reduced attack startup from 10F to 8F. Can now be whiff cancelled. Increased cancel window by 4F. Now moves forward on startup. Expanded attack hitbox forward.
Crouching LP	Expanded attack hitbox forward. Reduced overall frames by 1.
Crouching HP	Now moves forward on startup.
Crouching HK	Now moves forward on startup.
Jump HP (Jump, Hyper Jump)	• Reduced attack startup from 8F to 6F.
Jump HP (Hop, Hyper Hop)	Reduced attack startup from 9F to 6F. Increased attack frames by 2F.
Sniner Side (Cancel)	Reduced attack startup from 17F to 15F

Neudeca attack startap from 171 to 151.
Increased route buffer input window duration.
Now moves forward on startup.
Can now reflect projectiles.
Reduced overall frames by 4.
• Expanded attack hitbox forward.
 Reduced landing recovery by 3F after a follow-up attack. Expanded hitbox upward and forward on the second and third hit. Increased follow-up attack buffer input window duration.
Decreased landing recovery by 4F.
 Greatly reduced overall frames. Changed the height and travel distance. Moved attack hitbox downward. Increased opponent knockback distance on block.
Now features a guard point partway.
 Reduced attack startup from 9F to 7F. Increased overall frames by 5F on block.(No changes on block.)
Added a special follow-up hitbox.
Now has invulnerability.
• Reduced overall frames by 5.
Reduced attack startup from 19F to 15F.
 Now blow backs when hit in-air with a counter. Increased damage from 75→90.
Reduced attack startup from 7F to 6F. Expanded attack hitbox vertically.
• Increased damage from 100→120.

Maxima Charge (HP Ver.)	 Reduced overall frames by 2. Increased Guard Crush damage from 100→150. Changed the blow back on hit. *There are no changes when the opponent is in a hit-state. Reduced recovery on whiff.
Maxima Charge (EX Ver.)	Increased damage from 150→180.
■WHIP	
Dash	Increased movement speed.
Close Standing LP	Reduced overall frames by 2.
Close Standing LK	• Reduced overall frames by 2.
	· Reduced attack startup from 6F to 4F.
Close Standing HP	• Reduced overall frames by 6.
	·
Far Standing HP	Now whiff cancellable on first hit. And hit new cancellable by Special Moves and above.
	2nd hit now cancellable by Special Moves and above.
Far Standing LK	Reduced attack startup from 6F to 5F.
Close Standing HK	Reduced attack startup from 9F to 7F.
Far Standing HK	Reduced attack startup from 10F to 8F. Reduced hurtbox size.
Crouching HP	• Reduced overall frames by 2.
Blow Back	Reduced attack startup from 17F to 14F.
Jump HK	Expanded hitbox forward on the first and second hit.
Jump HK (Vertical Jump)	Increased attack frames by 2F.
Whip Shot	Increased distance opponent travels closer on fourth hit. Changed the blow back on the fifth hit.
Talon Shot	Reduced knockback distance on hit. Increased knockback duration on hit.
Boomerang Shot "Code: SC"	 Expanded hitbox on the second hit. Greatly reduced recovery on hit. Increased opponent knockdown duration on hit. Greatly decreased recovery on whiff. Changed blow back when hit in-air on first hit.

Now invulnerable to in-air attacks.
• Expanded hitbox on the first and second hit. (Expanded area is only for when the opponent is in a hit state.)
Changed blow back when hit in-air on second hit. Can now follow up with crouching HK after hit in-air with second hit.
• Reduced overall frames by 2.
Reduced overall frames by 3.Broadened distance recognition.
Broadened distance recognition.
• Reduced overall frames by 5.
• Reduced hurtbox size.
• Reduced upper-side hitbox.
 Now only the first and last hit can KO. Reduced recovery after hit. Can no longer follow-up after block. Greatly increased landing recovery.
• Reduced overall frames by 2.
• Reduced attack startup from 14F to 11F.
Reduced attack startup from 20F to 17F. Increased cancel window by 4F.
Now invulnerable to grabs.
• Added a hitbox.
Added an EX version.
• Reduced overall frames by 5.
• Reduced attack startup from 16F to 14F.

Jump LK (Jump, Hyper Jump)	• Expanded attack hitbox backwards.
Assault Raptor (HK Ver.)	• Expanded grab box.
Ankylo Hammer (LP Ver.)	Increased opponent knockback duration by 2F on the first hit.
Ankylo Hammer (EX Ver.)	Now blocks all attack stages.
Chicxulub Buster (EX Ver.)	 • Increased damage from 180→200. • Greatly increased opponent knockdown duration on hit.
Super Zetsumetsu Hurricane	Reduced recovery after hit.
Super Zetsumetsu Hurricane (MAX)	Increased opponent knockdown duration.
Dinner of Dinosaur	• Now blocks all attack stages.
■LEONA HEIDERN	
Jump HK (Vertical Jump)	 Reduced combo scaling value. Cancelling into V-Slasher will now trigger a V-Slasher that has a bigger combo scaling value than normal.
Moon Slasher	Reduced knockback distance on block. Increased hitstop on block.
Moon Slasher (HP Ver.)	Removed invulnerability. Now invulnerable to in-air attacks immediately after attack startup.
Grand Saber (HK Ver.)	Changed the blow back for follow-up attacks.
X-Calibur (LP Ver.)	 Increased damage from 60→100. Changed the blow back. Reduced distance travelled backward after attack finishes. Reduced landing recovery by 4F.
X-Calibur (EX Ver.)	The last hit no longer hits multiple times during a combo.
Slash Saber (Normal Ver.)	Added an LK version.
■RALF JONES	
Far Standing HP	 Reduced upper-side hitbox. Reduced hitbox for the second half of the 2F attack duration. Reduced cancel window duration for Super Special Moves and above. Reduced hitstop on hit. (Now the same as other characters)

Far Standing HK	 Reduced upper and forward-facing side of hitbox. Increased attack startup from 9F to 11F. Increased overall frames by 4. Added a hurtbox right before attack triggers.
Crouching LK	Increased attack startup from 4F to 5F.
Jumping Blow Back	Added a hurtbox right before attack triggers. Expanded hurtbox forward.
Jet Upper	Reduced overall frames by 4.
Dynamite Ralf Punch (Normal Ver.)	• Expanded hurtbox upward.
Dynamite Ralf Punch (HP Ver.)	 Greatly increased overall frames. Reduced knockback distance on block. Changed follow-up attack window to 0.
Dynamite Ralf Punch (EX Ver.)	Reduced attack startup from 13F to 11F.
Vulcan Punch (Normal Ver.)	 Reduced attack startup from 14F to 8F. Changed opponent blow back. Increased damage from 80→100. Increased input window duration.
Gatling Attack (HP Ver.)	No longer hits multiple times during a combo.
Galactica Phantom (MAX)	Increased hitstop on the first hit.Expanded hitbox upward on the second hit.
Bareback Vulcan Punch (Normal Ver.)	Reduced cancel window when canceling into Galactica Phantom (MAX).
Bareback Vulcan Punch (MAX)	• Expanded grab box after first hit.
■CLARK STILL	
Death Lake Driver	• Expanded grab box forward.
Vulcan Punch (Normal Ver.)	· Added HP Verson.
Frankensteiner	Now considered on-ground during movement.
Frankensteiner (Normal Ver.)	Increases Power Gauge by 100 in the case where Flashing Elbow doesn't trigger after hit.
■TERRY BOGARD	
Close Standing LK	Now a low. Reduced overall frames by 2.

Close Standing HK	 Reduced attack startup from 8F to 6F. Reduced overall frames by 7. Broadened distance recognition.
Crouching LK	Increased attack startup from 4F to 5F. Reduced front-side hitbox.
Jump HP	• Expanded attack hitbox upwards.
Jump LK (diagonal jump)	Expanded attack hitbox upwards. Reduced above-facing hurtbox.
Jumping Blow Back	Added a hurtbox right before attack triggers.
Crack Shoot (EX)	 Increased attack startup from 16F to 20F. Decreased damage from 120→80. Reduced knockback distance on block. Now moves closer to opponent upon landing. Reduced traveled distance. Increased overall frames by 8.
Power Charge (HK Ver.)	Greatly increased overall frames on whiff.
Power Dunk	Increased combo scaling value.
Power Dunk (HK Ver.)	Removed 2F of Guard Point frames during beginning of attack.
Buster Wolf (MAX)	Reduced physical and grab invulnerability frames. Now invulnerable to projectiles during attack.
■ ANDY BOGARD Crouching LP	• Expanded attack hitbox forward.
Crouching LK	• Reduced front-side hitbox.
Crouching HK	Increased frames where the attack is lower.
Jumping Blow Back	Shortened active frames by 1F.
Hirate Uchi (Cancel)	Now moves forward during attack.
Target Combo 1	Changed opponent blow back on second hit.

Zan-ei Ken (HP, EX Ver.)	Increased movement speed.Expanded attack hitbox forward.Reduced knockback distance on block. (HP Ver.)
Kuuha Dan (HK Ver.)	Now invulnerable to projectiles during attack. Reduced overall frames by 5.
Shouryuu Dan (HP Ver.)	Changed opponent blow back on first hit. Increased hitstop on the first hit.
Chou Reppa Dan (Normal Ver.)	• Expanded hitbox on beginning of attack.
■JOE HIGASHI	
Close Standing HP	Reduced attack startup from 8F to 6F.
Crouching HK	Reduced attack startup from 10F to 8F.
Jump LK	Reduced attack startup from 6F to 4F.
Sliding	 Increased frames where the attack is lower. Expanded hurtbox upward. (The expanded area is now invulnerable to projectiles.)
Hurricane Upper (LP Ver.)	Increased overall frames by 2. Increased hitstop on hit.
Hurricane Upper (HP Ver.)	• Reduced overall frames by 3.
Tiger Kick (LK Ver.)	 Reduced attack startup from 8F to 6F. Now invulnerable to in-air attacks. Damage for hits besides startup were increased from 50 to 80.
Tiger Kick (HK Ver.)	Increased attack startup from 6F to 8F. Increased time invulnerable.
Bakuretsuken (Normal Ver.)	 Increased opponent knockback duration during the part with multiple hits. Reduced stun frames from 10→5.
Screw Upper (Normal Ver.)	Increased time invulnerable.
■RYO SAKAZAKI	
Far Standing LP	• Expanded attack hitbox forward.
Close Standing HP	Reduced attack startup from 5F to 4F.
Close Standing LK	Broadened distance recognition.
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Close Standing HK	Broadened distance recognition. Now a low.
Far Standing HK	Expanded attack hitbox. Reduced hurtbox size.
Crouching HK	Increased cancel buffer by 2F.
Jump LK (Jump, Hyper Jump)	• Expanded attack hitbox backwards.
Jump HK	• Reduced hurtbox size.
Jumping Blow Back	Increased attack frames by 2F.
Hyouchuu Wari (Cancel)	Now moves forward during attack.
Jyoudan Uke	Increases Power Gauge from 50 to 80 upon triggering.
Gedan Uke	Increases Power Gauge from 50 to 80 upon triggering.
Kizami Duki	• Increased Guard Crush damage from 80→120.
Kohou (LP Ver.)	 • Increased follow-up buffer by 1F after hit. • Increased damage from 65→80.
Kohou (HP Ver.)	Changed damage from 75/50 to 90/35.
Ko-Ou Ken (HP Ver.)	 Increased distance travelled. Expanded attack hitbox. Reduced overall frames by 6. Reduced block recovery by 2F. Reduced hitstop on hit. Reduced float after hit.
Ko-Ou Ken (EX)	Reduced overall frames by 4.
Hien Shippuu Kyaku (EX)	• Expanded attack hitbox forward.
Zanretsuken (HP, EX Ver.)	Now moves closer to opponent after last hit. Reduced recovery by 1F after hit.
Ryuuko Ranbu (MAX)	Resolved an issue where during certain circumstances, hits wouldn't register after Climax Cancelling.

■ ROBERT GARCIA	
Kouryuu Koukyaku-Geri	• Expanded attack hitbox downward.
Blow Back	· Reduced upper-side hitbox.
Hien Senpuu Kyaku (HK Ver.) ■KING	 Reduced attack startup from 14F to 12F. Reduced float after hit in-air. Expanded hitbox on the fourth hit.
Close Standing HP	Reduced attack startup from 6F to 5F.
Far Standing LK	Now cancellable by Special Moves and above. Increased Guard Point frames by 1F.
Crouching HK	Reduced attack startup from 9F to 7F.
Tornado Kick (LK Ver.)	Now cancellable from CLIMAX Super Special Moves.
Trap Shot (EX)	Increased overall frames by 10.Had total invulnerability, now just invulnerable to in-air attacks.
■MAI SHIRANUI	
Rush	Resolved an issue where during certain circumstances, the entire MAX Mode Gauge would be drained.
Rush Far Standing LP	
	the entire MAX Mode Gauge would be drained.
Far Standing LP	the entire MAX Mode Gauge would be drained. Reduced knockback distance on hit and block.
Far Standing LP Close Standing LK	the entire MAX Mode Gauge would be drained. Reduced knockback distance on hit and block. Expanded pushbox and grab box forward. Expanded attack hitbox downward.
Far Standing LP Close Standing LK Far Standing LK	the entire MAX Mode Gauge would be drained. Reduced knockback distance on hit and block. Expanded pushbox and grab box forward. Expanded attack hitbox downward. (Expanded area is only for when the opponent is in a hit state.)
Far Standing LP Close Standing LK Far Standing LK Far Standing HK	the entire MAX Mode Gauge would be drained. Reduced knockback distance on hit and block. Expanded pushbox and grab box forward. Expanded attack hitbox downward. (Expanded area is only for when the opponent is in a hit state.) Reduced hurtbox size. Reduced upper-side hitbox. Expanded attack hitbox downward. Expanded hurtbox downward.

Musasabi no Mai · Back, Front (Normal Ver.)	Can now jump attack after touching the side of the stage.
Musasabi no Mai · Back, Front (EX)	Now has projectile immunity partway through attack.
Kagerou no Mai	 Reduced follow-up attack window besides on the last hit. The normal and MAX versions of the final attack are now only able to be entered once each.
■YURI SAKAZAKI	
Shatter Strike	· Changed the motion.
Far Standing LP	• Expanded attack hitbox downward.
Crouching LP	Reduced attack startup from 5F to 4F.
Blow Back	Reduced attack startup from 13F to 10F.
Shien	Reduced opponent knockback distance on hit and block.
Ko-Ou Ken	Reduced time necessary for a full charge by 5F.
Kuuga (HP Ver.)	Increased damage of first hit from 65 to 80.
Kuuga (EX)	 Reduced attack startup from 6F to 4F. Expanded hitbox on the first hit. Expanded hitbox and pushbox on third and fourth hit.
Hyakuretsu Binta (HK Ver.)	Increased movement speed.
Haoh Shoukou Ken (HP Ver.)	 Reduced attack startup from 17F to 11F. Increased projectile speed. Increased overall frames by 4.
■ATHENA ASAMIYA	
Shatter Strike	· Changed the motion.
Far Standing LK	Reduced above-facing hurtbox.Now cancellable by Special Moves and above.
Far Standing HK	Reduced upper-side hitbox.
Jump HP	Increased attack frames by 2F.
Jump HK	Increased attack frames by 2F.

Phoenix Bomb (Air)	Now possible to execute going backward when inputting from a backstep.
Psycho Ball Attack (LP Ver.)	Reduced block recovery by 2F.
Psycho Sword	Changed opponent blow back besides on the last hit.
Psycho Reflector (Normal Ver.)	Added an LK version. *The LK version does not reflect projectiles, but instead nulls them.
Phoenix Arrow (EX)	Attack does not hit from behind. Reduced knockback distance on block. Increased guard recovery for the attack in-air.
Psychic Teleport (EX)	Had total invulnerability partway attack, but now only invulnerable to projectiles. Increased overall frames by 3.
Psycho Shoot (HP Ver.)	Reduced attack startup from 24F to 21F. Increased projectile speed.
Psycho Shoot (EX)	Resolved an issue where this could be Super Cancelled.
Psycho Remix☆Spark!	• Expanded attack hitbox upwards.
■BLUE MARY	
Far Standing HP	Reduced attack startup from 14F to 12F.
Straight Slicer (EX)	 Increased guard recovery by 2F. Increased overall frames by 10. Reduced guard recovery by 2F on final hit for the follow-up move Stun Fang. Reduced guard recovery distance for the follow-up move Stun Fang.
Real Counter (EX)	Greatly reduced recovery after connecting.
■VANESSA	
Close Standing HK	Decreased attack startup from 7F to 5F.
Far Standing HK	Reduced attack startup on second hit.
Crouching LK	 Reduced upper-side hitbox. Reduced front-side hitbox. Increased attack startup from 4F to 5F.
Jump LK	Decreased attack startup from 7F to 5F.

Jump HP (Hop, Hyper Hop)	 Attack does not hit from behind. Reduced downward-side hitbox. Shortened active frames by 2F.
Sliding Puncher	• Reduced overall frames by 2.
One-Two Puncher (Cancel)	 Reduced upper-side hitbox. Expanded hurtbox. Reduced attack startup on first hit from 5F to 8F. Reduced block knockback duration by 2F on first hit. Reduced front-side hitbox on second hit. Reduced cancel buffer by 4F for the second hit. Changed opponent blow back when hit in-air on second hit. Increased overall frames by 9. Increased combo scaling value. Reduced traveled distance.
Dash Puncher	Expanded hurtbox upwards during attack. (The expanded area is now invulnerable to projectiles.)
Dash Puncher (Normal Ver.)	No longer hits multiple times during a combo.
Dash Puncher (LP Ver.)	Reduced knockback distance on block.
Dash Puncher (EX)	Increased combo scaling value.
Parrying Puncher (Normal Ver.)	 Changed the following properties only when following up from Puncher Weaving. (LP and HP versions are the same.) Removed Guard Point and ability to reflect projectiles.(LP Ver.) Reduced overall frames by 6.(HP Ver.) Reduced overall frames by 7.
Puncher Vision (Forward, Backward)	 Extended projectile invulnerability to the legs only when triggered from Puncher Weaving. LK version can now be triggered from Puncher Weaving.
Puncher Vision (Forward) (Normal Ver.)	Second-half of attack can now be Super Cancelled.
Puncher Weaving (EX)	Projectile invulnerability continues on while button is held down.
■LUONG	
Close Standing LP	Reduced overall frames by 2.
Close Standing HP	Reduced attack startup from 6F to 4F.
Far Standing HP	Reduced attack startup from 13F to 10F.

Close Standing LK	• Reduced overall frames by 3.
Crouching LP	• Reduced overall frames by 1.
Geki (EX)	• Expanded hitbox on the third hit.
Ren (EX)	• Increased damage from 80→120.
Kou (HP Ver.)	Reduced attack startup from 20F to 17F.
Tei (Normal Ver.)	Now invulnerable to projectiles. Reduced attack startup from 12F to 8F. Increased movement speed.
■ ROCK HOWARD	
Far Standing HK	• Expanded attack hitbox forward.
Blow Back	Reduced attack startup from 19F to 16F.
Hard Edge (LP Ver.)	Rising Tackle (LP Ver.) can now be cancelled on hit or block when EXT powerup is active.
Hard Edge (EX)	• Expanded hurtbox downward.
Rising Tackle (LP, EX Ver.)	• Expanded attack hitbox forward.
Type: Dunk (EX)	• Decreased damage from 120→80.
Type: Shift	Resolved an issue where under certain circumstances, Type: Shift would not behave as intended.
Shinkuu Nage (EX)	Decreased follow-up damage from 120 to 80.
■B. JENET	
Rush	Resolved an issue where LK would come out on the second hit.
Dash	Increased movement speed.
Far Standing LP	• Expanded attack hitbox downward.
Far Standing HP	Now moves forward.

Close Standing HK	• Expanded hitbox downward on the second hit.
Far Standing HK	Increased attack frames by 3F. Now moves forward.
Crouching LP	Reduced attack startup from 5F to 4F.
Crouching HK	Reduced attack startup from 10F to 7F.
Blow Back	 Reduced attack startup from 14F to 12F. Now cancellable by Command Moves and above. Increased recovery frames by 2F after attack finishes.
Jump LK (Hop, Hyper Hop)	Expanded attack hitbox backwards.
Jump HP	Increased attack frames by 2F. Reduced hurtbox size.
Jumping Blow Back (Hop, Hyper Hop)	Increased attack frames by 2F.
Rolling Thunder	It is now possible to hit once with the normal version and once with the canceled version during a combo.
Baffrass (EX)	Increased projectile speed. Can now OTG.
Crazy Ivan (HP Ver.)	 Increased damage from 80→100. Expanded attack hitbox upwards. Changed opponent blow back on hit.
Gulf Tomahawk (HK Ver.)	 Reduced downward-facing hurtbox. Decreased landing recovery by 2F. Increased damage of second hit from 40 to 60. Changed opponent blow back when hit on-ground on second hit.
Gulf Tomahawk (EX)	 Decreased damage from 120→80. Reduced traveled distance.
Harrier Bee	Increased cancel window into attack by 2F. Reduced hurtbox for first, second, and third hits.
Harrier Bee (Normal Ver.)	Increased damage of first, second, and third hits from 20 to 30.
Harrier Bee (LK Ver.)	Reduced fall speed if player chooses not to follow through.
The Hind (Normal Ver.)	Resolved an issue where under certain circumstances, damage decay would not properly apply on hit.
The Hind (LK Ver.)	 Now invulnerable to in-air attacks. Reduced attack startup from 12F to 8F. Changed opponent blow back on last hit. Greatly increased landing recovery.

The Hind (HK Ver.)	 Changed to blow back opponent when hit on-ground on first hit. Increased distance travelled. Expanded hitbox forward on the first hit. Increased buffer frames when breaking.
The Hind (EX)	Increased in-air invulnerability frames. Greatly increased landing recovery.
■GATO	
Crouching HK	Increased overall frames by 3.No longer moves forward.
Jump HP	• Expanded body hurtbox.
Jump HK	 Reduced front-side hitbox. Recued the lower hitbox for the continued final portion. Added a hurtbox right before attack triggers.
Jumping Blow Back	 Expanded hurtbox. Added a hurtbox right before attack triggers.
Quaking Fang	Reduced cancel buffer for follow-up.
Quaking Fang (EX)	 Reduced knockback duration by 2F when blocking. Increased opponent hitstop by 4F on hit. Increased overall frames by 4.
Arrow Fang (EX)	• Decreased damage from 120→80.
Sliding Fang (Normal Ver.)	Reduced overall frames by 2. Increased attack frames by 2F.
Counterattack Fang	Expanded hitbox of the part of the blow after a strike is made.
Counterattack Fang (Normal Ver.)	The attack frames of the part of the strike that lands have been increased by 3F. Increased invulnerability frames after landing a strike.
Cipher Fang	Expanded grab box. Expanded pushbox.
Lightning Fang (LK, EX Ver.)	Greatly increased landing recovery.
Freeze Fang (MAX)	Resolved an issue where during certain circumstances, hits wouldn't register after Climax Cancelling.
■OMEGA RUGAL	
Close Standing LK	Reduced attack startup from 5F to 4F.
Double Tomahawk (Cancel)	Now moves forward.

Dark Barrier (LK Ver.)	Increased recovery on whiff.
Genocide Cutter (LK Ver.)	Reduced attack startup from 9F to 6F. Increased recovery besides on hit.
Genocide Cutter (HK Ver.)	Reduced attack startup from 11F to 9F.
Genocide Cutter (EX)	Reduced attack startup from 9F to 6F.
Dread Fatal Wave	Resolved an issue where under certain circumstances, damage decay would be too high on hit.