

BH/EH-85-140 Balancers

1. Remove load from balancer and remove balancer from its support and place on a work surface.
2. Ensure the drum lock mechanism is engaged.
3. Release all tension from the spring motor by fully loosening and removing the worm gear.
4. Un-install the 8 stop pins from the perimeter of the case by removing the setscrews that retain them.
5. Lift and turn the drum lock lever mechanism to dis-engage.
6. Remove the 4 screws from the perimeter of the case to separate the housing halves.
7. Tap the end of the main shaft (with a non-metallic hammer) to remove it.
8. Remove the 3 screws from the perimeter of the spring to remove the spring cover

!! Exercise extreme caution as to not allow the spring to become free from the canister !!



9. Lift the drum and spring sub-assembly out of the case and separate them.

!! Take note of the alignment of the spring end curl and the detent in the housing !!

10. Re-assemble unit in reverse order.

Important tip: After re-assembly of unit turn worm to pull cable onto drum !! Continue to turn worm approx. 95-100 times to re-tension unit then re-install the 8 stop pins into their place around the case !!



BH/EH Balancer Replacement Parts Instructions



REPLACEMENT PARTS

TYPE	P/N	MODEL #	DESCRIPTION
BH	GR62428105	BH85-SPG	SPRING FOR BH-85
	GR62428305	BH100-SPG	SPRING FOR BH-100
	GR62428505	BH120-SPG	SPRING FOR BH-120
	GR62428605	BH140-SPG	SPRING FOR BH-140
	GR62428104	BH85140-DRM	DRUM W/CABLE FOR BH-85 THRU BH-140
EH	GR62428115	EH85-SPG	SPRING FOR EH-85
	GR62428315	EH100-SPG	SPRING FOR EH-100
	GR62428515	EH120-SPG	SPRING FOR EH-120
	GR62428615	EH140-SPG	SPRING FOR EH-140
	GR62428114	EH85140-DRM	DRUM W/CABLE FOR EH-85 THRU EH-140



GLEASON REEL CORP.
P.O. Box 26 • 600 South Clark St.
Mayville, WI 53050
Phone 920-387-4120 • Fax 920-387-4189
www.hubbell-gleason.com

PN 63049241

BH/EH-02-05 BALANCERS

1. Remove load from balancer and remove balancer from its support and place on a work surface.

2. Release all tension from the spring motor by a combination of turning an Allen wrench and depressing the lock lever.

!! Exercise extreme caution when doing so as the spring tension will cause 'quick-spin' of the wrench and will likely cause injury !!

3. After all tension is released turn drum to expose cable end through side of case.

4. Remove the setscrew anchor that retains the cable end.

5. Remove cable end from drum.

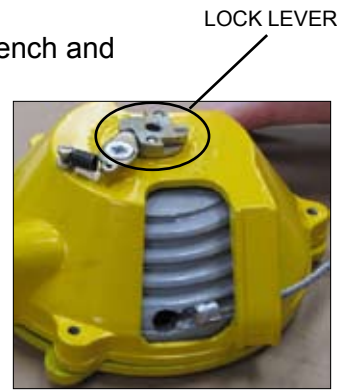
6. Simultaneously rotate drum and maneuver cable end to free it from the confines of the case.

7. Flip balancer over and remove the 3 screws to lift off the case cover and expose the drum.

8. Lift drum (w/ spring) up and out of the case

9. Re-assemble in the reverse order.

Important tip: Lower drum (w/ spring) onto shaft ensuring the spring end tab fits into the slot of the shaft by inserting a screwdriver to manipulate !!



REPLACEMENT PARTS

TYPE	P/N	MODEL #	DESCRIPTION
BH	GR62426605	BH02-SPG	SPRING W/DRUM FOR BH-02
	GR62426705	BH03-SPG	SPRING W/DRUM FOR BH-03
	GR62426805	BH05-SPG	SPRING W/DRUM FOR BH-05
	GR62426603	BH02-CBL	CABLE FOR BH-02
	GR62426703	BH03-CBL	CABLE FOR BH-03
	GR62426803	BH05-CBL	CABLE FOR BH-05
EH	GR62426615	EH02-SPG	SPRING W/DRUM FOR EH-02
	GR62426715	EH03-SPG	SPRING W/DRUM FOR EH-03
	GR62426815	EH05-SPG	SPRING W/DRUM FOR EH-05
	GR62426613	EH02-CBL	CABLE FOR EH-02
	GR62426713	EH03-CBL	CABLE FOR EH-03
	GR62426813	EH05-CBL	CABLE FOR EH-05

BH/EH-09-70 BALANCERS

1. Remove load from balancer and remove balancer from its support and place on a work surface.

2. Ensure the drum lock mechanism is engaged.

3. Release all tension from the spring motor by fully loosening and removing the worm gear.

4. Un-install the 4 stop pins from the perimeter of the case by removing the setscrews that retain them.

5. Lift and turn the drum lock lever mechanism to dis-engage.

6. Manually turn drum to expose the cable end through the opening in the side of the case.

7. Remove the setscrew anchor that retains the cable end.

8. Remove the plastic cable guide at the payout side of case.

9. Manipulate cable end to and through the opening at the bottom of the groove in drum near the cable anchor by a combination of turning the drum and pulling the cable at the payout end.

10. Continue to pull the cable to remove it from the balancer.

11. Disassemble the case by removing the 4 screws around its perimeter and pulling it apart.

12. Lift out the drum and spring sub-assembly.

13. Mark one of the bolt-holes on the drum and mark the corresponding bolt-hole of the spring canister, also before separating the two parts be sure to mark the corresponding hole in the canister cover.

14. Pull the drum apart from the spring canister.

!! Exercise extreme caution as to not allow the spring to become free from the canister !!

15. Re-assemble unit in reverse order.

Important tip: Install and re-attach cable to drum before re-installing the tensioner worm gear !!



DRUM LOCK

REPLACEMENT PARTS

TYPE	P/N	MODEL #	DESCRIPTION
BH	GR62426905	BH09-SPG	SPRING FOR BH-09
	GR62427005	BH15-SPG	SPRING FOR BH-15
	GR62427105	BH22-SPG	SPRING FOR BH-22
	GR62427205	BH30-SPG	SPRING FOR BH-30
	GR62427405	BH40-SPG	SPRING FOR BH-40
	GR62427605	BH50-SPG	SPRING FOR BH-50
	GR62427805	BH60-SPG	SPRING FOR BH-60
	GR62428005	BH70-SPG	SPRING FOR BH-70
	GR62426903	BH915-CBL	CABLE FOR BH-09 & BH-15
	GR62427103	BH2270-CBL	CABLE FOR BH-22 THRU BH-70
	GR62426904	BH915-DRM	DRUM FOR BH-09 & BH-15
	GR62427104	BH2270-DRM	DRUM FOR BH-22THRU BH-70
EH	GR62426915	EH09-SPG	SPRING FOR EH-09
	GR62427015	EH15-SPG	SPRING FOR EH-15
	GR62427115	EH22-SPG	SPRING FOR EH-22
	GR62427215	EH30-SPG	SPRING FOR EH-30
	GR62427415	EH40-SPG	SPRING FOR EH-40
	GR62427615	EH50-SPG	SPRING FOR EH-50
	GR62427815	EH60-SPG	SPRING FOR EH-60
	GR62428015	EH70-SPG	SPRING FOR EH-70
	GR62426913	EH915-CBL	CABLE FOR EH-09 & EH-15
	GR62427113	EH2270-CBL	CABLE FOR EH-22 THRU EH-70
	GR62426914	EH915-DRM	DRUM FOR EH-09 & EH-15
	GR62427114	EH2270-DRM	DRUM FOR EH-22 THRU EH-70