



Weatherford® Washover Back-Off Connector (WOBO™ Tool)

Weatherford's washover back-off connector, or *WOBO* tool, is designed to increase the recovery rate of stuck drill collars, drillpipe, or tubing in washovers. The *WOBO* tool enables the operator to wash over the stuck fish, perform free-point and back-off operations, and recover the fish in a single trip. If the fish length requires multiple washovers and back-offs, complete removal of the washover assembly from the hole is unnecessary.

Applications

- Washover and recovery of any length of stuck drill collars, drillpipe, or tubing

Features, Advantages and Benefits

- The washover back-off connector washes over and recovers in one trip, saving rig time.
- Two safety joints—a Weatherford washover back-off safety joint for backing off the washpipe string and a Weatherford J-type safety joint for backing off the fishing string from the fish—save rig time and costs of additional wireline runs.
- Design enables washover pipe rotation independently of the fish, preventing washover pipe sticking.

Specifications

Part No.	Tool		Minimum Size Casing to Run		Connections		
	OD (in./mm)	ID (in./mm)	OD (in.)	Weight (lb/ft)	Upper (Box)	Lower (Pin)	Washover Pipe (Pin)
352-505	4 101.6	1-5/8 41.3	5-1/2	23	2 3/8-in. API IF	2 3/8-in. EUE 8RF	4-in., 14-lb/ft hydraulic FJ WP
352-510	5-3/8 136.5	1-5/8 41.3	6-5/8	24	2 7/8-in. API IF	2 7/8-in. API IF	5-in. X-Line
352-515	7-3/16 182.6	2 50.8	8-5/8	28	4 1/2-in. API FH	4 1/2-in. API FH	7-in. X-Line

