

Fishing Services

Weatherford[®] Washover Back-Off Connector (WOBOTM 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

| ΤοοΙ | | | Minimum Size Casing to Run | | Connections | | |
|----------|-------------------|-------------------|-------------------------------|---------|-------------|-----------|-----------------|
| | OD | ID | OD | Weight | Upper | Lower | Washover Pipe |
| Part No. | (in./ <i>mm</i>) | (in./ <i>mm</i>) | (in.) | (lb/ft) | (Box) | (Pin) | (Pin) |
| 352-505 | 4 | 1-5/8 | 5-1/2 | 23 | 2 3/8-in. | 2 3/8-in. | 4-in., 14-lb/ft |
| 352-505 | 101.6 | 41.3 | 5-1/2 | 23 | API IF | EUE 8RF | hydraulic FJ WP |
| 352-510 | 5-3/8 | 1-5/8 | 6-5/8 | 24 | 2 7/8-in. | 2 7/8-in. | 5-in. X-Line |
| 352-510 | 136.5 | 41.3 | 0-5/8 | 24 | API IF | API IF | J-III. X-LINE |
| 352-515 | 7-3/16 | 2 | 8-5/8 | 28 | 4 1/2-in. | 4 1/2-in. | 7-in, X-Line |
| 552-515 | 182.6 | 50.8 | 0-5/0 | 20 | API FH | API FH | |



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