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Forward and backward stocking policies for a two-level supply chain with consignment stock agreement and stock-dependent demand

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Highlights

- This paper proposes the vendor's stocking policy as either forward or backward.
- It shows that the vendor's optimal stocking policy depends on the holding costs.
- It demonstrates that the forward policy was misused in Zaroni and Jaber (2015).
- It formulates the maximum inventory levels at different stocking points.
- It also improves the replenishment policy in Sajadieh et al. (2010).

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