

## EXTEND SEAL & BEARING LIFE BY PREVENTING CONTAMINATION

### SENTINEL®



### SENTINEL® TECHNOLOGY

Provides an unmatched filtering system to eliminate contamination of lubricant from grime, dirt or water.

#### Sentinel® Hub Cap

Provides a tamper-proof hub cap system for maximum protection and maintenance-free performance.



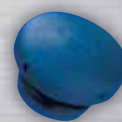
#### Integrated Sentinel® Hub Cap

Tamper-proof hub cap integrates the Sentinel® features into the window with fewer components and greater wheel end visibility.



#### Sentinel® ESP (Extended Service Plug)

Allows economical retrofitting of wheel ends with the benefits of STEMCO'S exclusive Sentinel® Technology.








#### Sentinel® ESP Filtered Vent

Drive axles can now be retrofitted to benefit from STEMCO'S exclusive Sentinel® Technology.



# SENTINEL<sup>®</sup> TECHNOLOGY

**STEMCO<sup>®</sup>**  
A Higher Standard of Performance.<sup>SM</sup>  
an EnPro Industries company

-  Prevents dirt and water from contaminating the oil, thereby extending seal and bearing life.
-  Dramatically reduces contaminant build-up on hub cap windows, allowing for an accurate determination of lube levels.
-  Eliminates early oil breakdown by preventing water contamination as a result of submerged axles.
-  Provides maximum protection for maintenance-free wheel end systems.
-  Improves performance and lowers overall maintenance costs.

## SENTINEL<sup>®</sup> HUB CAP

STEMCO BASE PART NO.	OIL CAP	GREASE CAP	BOLT CIRCLE	BOLT SIZE	NO. OF BOLTS	GASKET NUMBER	OIL WINDOW KIT	GREASE WINDOW KIT
4009	348-4009	349-4009	5 1/2"	5/16"	6	330-3009	359-6112	359-6120
4013	348-4013	349-4013	5 1/2"	5/16"	5	330-3013	359-6112	359-6120
4046	348-4046	349-4046	5 1/2"	5/16"	6	330-3009	359-6112	359-6120
4075	348-4075	349-4075		6 1/4" x 8" UN(M)		330-3077	359-6112	359-6120
4095	348-4095	349-4095	5 1/2"	5/16"	6	330-3009	359-6112	359-6120
4195	348-4195	349-4195	6 3/4"	5/16"	6	330-3118	359-6112	359-6120
4281	348-4281	N/A	5 17/32"	3/8"	6	330-3122	359-6112	359-6120

## INTEGRATED SENTINEL<sup>®</sup> HUB CAP

STEMCO BASE PART NO.	OIL CAP	GREASE CAP	BOLT CIRCLE	BOLT SIZE	NO. OF BOLTS	GASKET NUMBER	OIL WINDOW KIT	GREASE WINDOW KIT
4009	356-4009	358-4009	5 1/2"	5/16"	6	330-3009	359-6145	359-6146
4013	356-4013	358-4013	5 1/2"	5/16"	5	330-3013	359-6145	359-6146
4024	356-4024	358-4024	4 1/2"	5/16"	6	330-3024	359-6143	359-6144
4025	356-4025	358-4025	5 7/8"	5/16"	6	330-3025	359-6143	359-6144
4046	356-4046	358-4046	5 1/2"	5/16"	6	330-3009	359-6145	359-6146
4075	356-4075	358-4075		6 1/4" x 8" UN(M)		330-3077	359-6145	359-6146
4080	356-4080	358-4080	6	3/8"	6	330-3060	359-6143	359-6144
4095	356-4095	358-4095	5 1/2"	5/16"	6	330-3009	359-6145	359-6146
4119	356-4119	358-4119	7	5/8"	8	330-3090	359-6145	359-6146
4150	356-4150	358-4150	4 1/2"	5/16"	5	330-3150	359-6143	359-6144
4195	356-4195	358-4195	6 3/4"	5/16"	6	330-3118	359-6145	359-6146

## SENTINEL<sup>®</sup> ESP (EXTENDED SERVICE PLUG)

STEMCO PART NO.	DESCRIPTION
359-6124	ESP Plug Blister Pack (2/pk)
359-6125	ESP Plugs (bulk pack of 50)

## BULK PACK HUB CAP

STEMCO PART NO.	DESCRIPTION
300-5009	340-4009 Hub Cap with ESP Plug Bulk Pack (50/box)
303-5009	343-4009 Hub Cap with ESP Plug Bulk Pack (50/box)

## SENTINEL<sup>®</sup> ESP FILTERED VENT

STEMCO PART NO.	DESCRIPTION
359-6137	Drive Axle Vent (3/8" adapter)

# SENTINEL<sup>®</sup>

To relieve vacuum, the Sentinel<sup>®</sup> interior check valve lifts slightly, drawing air through the water-resistant expanded PTFE fabric filter into the wheel end, while the duck-bill check valve remains closed, blocking dirt, grime and other contaminants from entering.



To relieve pressure, the Sentinel<sup>®</sup> duck-billed pressure relief valve opens, allowing pressure to vent out, while the umbrella check valve remains closed, stopping lubricant from leaking out and contaminants from flowing in.

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**TQM<sup>SM</sup>**  
TOTAL QUALITY MAINTENANCE<sup>SM</sup>

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