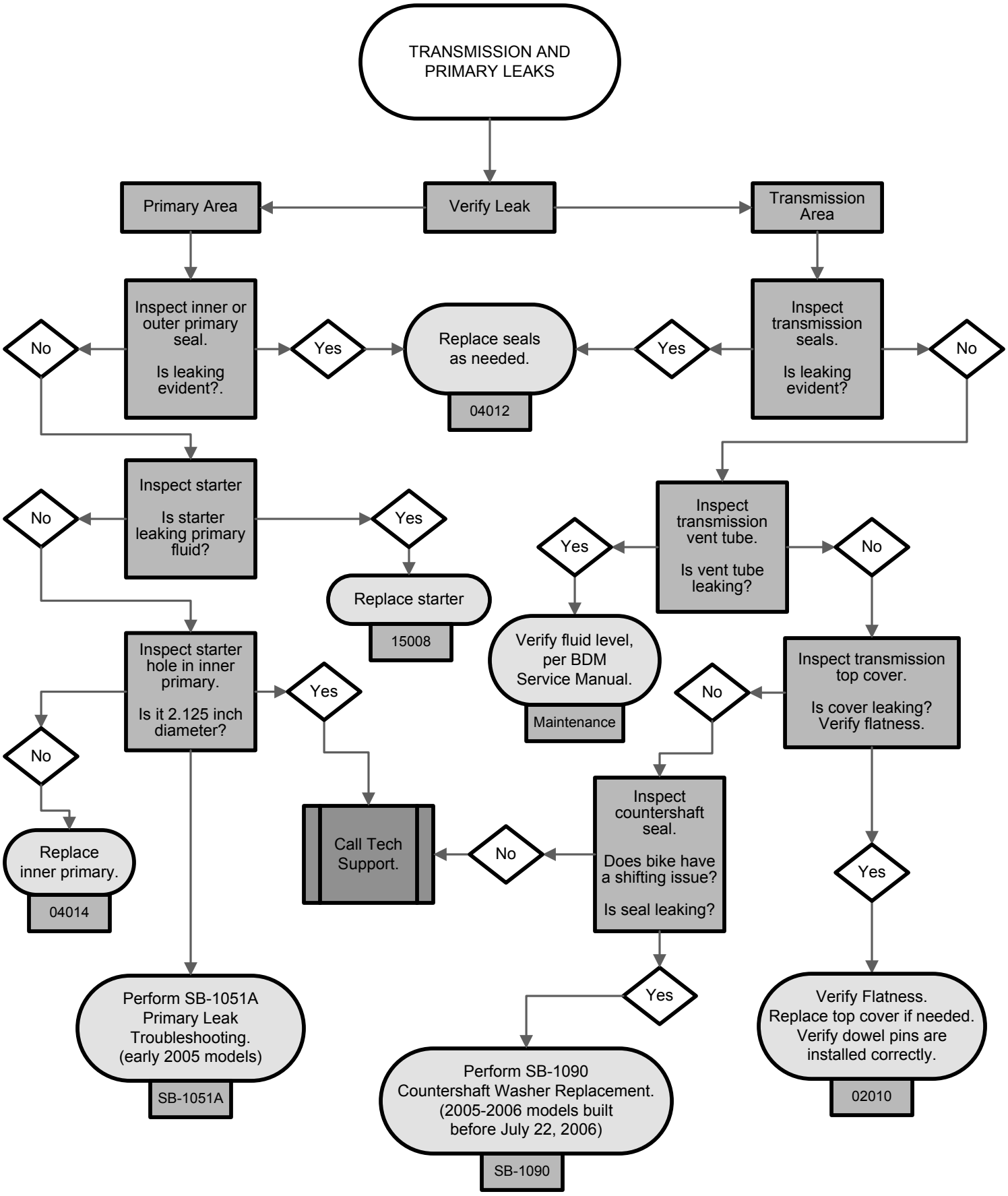
TRANSMISSION AND PRIMARY LEAKS
Verify Leak
Primary Area
Transmission Area
Inspect inner or outer primary seal.
Is leaking evident?.
No
Yes
Replace seals as needed.
04012
Yes
Inspect transmission seals.
Is leaking evident?
No
Inspect starter
Is starter leaking primary fluid?
No
Yes
Replace starter
15008
Inspect transmission vent tube.
Is vent tube leaking?
Yes
Verify fluid level, per BDM Service Manual.
Maintenance
No
Inspect starter hole in inner primary.
Is it 2.125 inch diameter?
Yes
No
Replace inner primary.
04014
Call Tech Support.
Inspect transmission top cover.
Is cover leaking? Verify flatness.
No
Inspect countershaft seal.
Does bike have a shifting issue?
Is seal leaking?
No
Yes
Yes
Perform SB-1051A Primary Leak Troubleshooting. (early 2005 models)
SB-1051A
Perform SB-1090 Countershaft Washer Replacement. (2005-2006 models built before July 22, 2006)
SB-1090
Verify Flatness. Replace top cover if needed. Verify dowel pins are installed correctly.
02010